

10/535,690

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PASSWORD:

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NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 AUG 10 Time limit for inactive STN sessions doubles to 40
minutes
NEWS 3 AUG 18 COMPENDEX indexing changed for the Corporate Source
(CS) field
NEWS 4 AUG 24 ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced
NEWS 5 AUG 24 CA/CAPLUS enhanced with legal status information for
U.S. patents
NEWS 6 SEP 09 50 Millionth Unique Chemical Substance Recorded in
CAS REGISTRY
NEWS 7 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM
thesaurus

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:26:58 ON 16 OCT 2009

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.22	0.22

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STRUCTURE FILE UPDATES: 15 OCT 2009 HIGHEST RN 1188475-73-1
DICTIONARY FILE UPDATES: 15 OCT 2009 HIGHEST RN 1188475-73-1

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

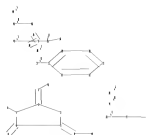
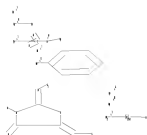
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experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10535690NEW3.str



chain nodes :

6 7 8 9 10 11 13 14 15 16 17 18 24 26 27 28 34 40 42 43 45 46
49

ring nodes :

1 2 3 4 5 12 19 20 21 22 23

chain bonds :

1-7 3-9 4-8 5-6 7-40 9-42 11-12 13-14 13-15 13-16 13-43 16-17 16-18
26-27 27-28 45-46

ring bonds :

1-2 1-5 2-3 3-4 4-5 12-19 12-23 19-20 20-21 21-22 22-23

exact/norm bonds :

1-2 1-5 1-7 2-3 3-4 4-5 4-8 7-40 9-42 11-12 13-14 13-15 13-16 13-43
16-18 45-46

exact bonds :

3-9 5-6 16-17 26-27 27-28

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normalized bonds :
12-19 12-23 19-20 20-21 21-22 22-23
isolated ring systems :
containing 12 :

G1:[*1],[*2],[*3],[*4],[*5]

G2:[*6],[*7],[*8]

Connectivity :
11:2 E exact RC ring/chain
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:Atom
11:CLASS 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:Atom
19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 26:CLASS 27:CLASS 28:CLASS
34:Atom 40:CLASS 42:CLASS 43:Atom 45:Atom 46:Atom 49:Atom
Generic attributes :

10:
Saturation : Saturated
18:
Saturation : Unsaturated
Number of Hetero Atoms : Exactly 1
Type of Ring System : Monocyclic
24:
Saturation : Unsaturated
Type of Ring System : Polycyclic
34:
Saturation : Unsaturated
Type of Ring System : Monocyclic
43:
Saturation : Unsaturated
Type of Ring System : Monocyclic
45:
Saturation : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System : Monocyclic
46:
Saturation : Saturated
Number of Carbon Atoms : less than 7
Type of Ring System : Monocyclic
49:
Saturation : Unsaturated
Number of Carbon Atoms : 7 or more
Type of Ring System : Polycyclic

Element Count :
Node 11: Limited
C,C1-3

Node 18: Limited
N,N1
C,C5
O,O0
S,S0

Node 24: Limited
N,N0-3
O,O0-2
S,S0-1

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Node 34: Limited
N,N0-1
S,S0-1

Node 43: Limited
C,C6
O,O0
S,S0
N,N0

Node 45: Limited
C,C6
O,O0
S,S0
N,N0

Node 46: Limited
N,N2
C,C4
O,O0
S,S0

Node 49: Limited
C,C10
O,O0
S,S0
N,N0

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam
SAMPLE SEARCH INITIATED 12:27:36 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 4612 TO ITERATE

43.4% PROCESSED 2000 ITERATIONS 9 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
PROJECTED ITERATIONS: 88167 TO 96313
PROJECTED ANSWERS: 142 TO 688

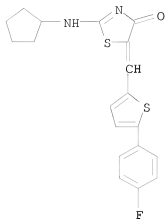
L2 9 SEA SSS SAM L1

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=> d scan

10/535,690

L2 9 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 4(5H)-Thiazolone, 2-(cyclopentylamino)-5-[[5-(4-fluorophenyl)-2-
thienyl]methylene]-
MF C19 H17 F N2 O S2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

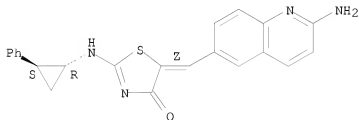
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):8

10/535,690

L2 9 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 4(5H)-Thiazolone, 5-[(2-amino-6-quinolinyl)methylene]-2-[[[(1R,2S)-2-phenylcyclopropyl]amino]-, (5Z)-, 2,2,2-trifluoroacetate (1:1)
MF C22 H18 N4 O S . C2 H F3 O2

CM 1

Absolute stereochemistry.
Double bond geometry as shown.



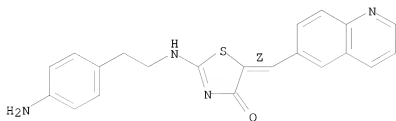
CM 2



10/535,690

L2 9 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 4(5H)-Thiazolone, 2-[2-(4-aminophenyl)ethyl]amino]-5-(6-
quinolinylmethylene)-, (5Z)-
MF C21 H18 N4 O S

Double bond geometry as shown.

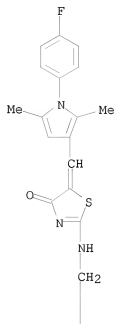


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

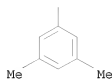
10/535,690

L2 9 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 4(5H)-Thiazolone, 2-[[[(3,5-dimethylphenyl)methyl]amino]-5-[[1-(4-
fluorophenyl)-2,5-dimethyl-1H-pyrrol-3-yl]methylene]-
MF C25 H24 F N3 O S

PAGE 1-A



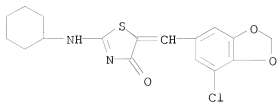
PAGE 2-A



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/535,690

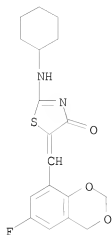
L2 9 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 4(5H)-Thiazolone, 5-[(7-chloro-1,3-benzodioxol-5-yl)methylene]-2-
(cyclohexylamino)-
MF C17 H17 Cl N2 O3 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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L2 9 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 4(5H)-Thiazolone, 2-(cyclohexylamino)-5-[(6-fluoro-4H-1,3-benzodioxin-8-yl)methylene]-
MF C18 H19 F N2 O3 S

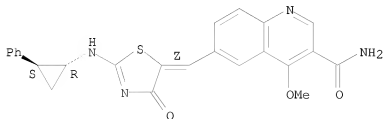


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/535,690

L2 9 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 3-Quinolinecarboxamide, 4-methoxy-6-[(Z)-[4-oxo-2-[[(1R,2S)-2-phenylcyclopropyl]amino]-5 (4H)-thiazolylidene]methyl]-
MF C24 H20 N4 O3 S

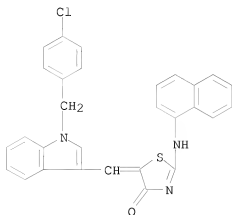
Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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L2 9 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 4(5H)-Thiazolone, 5-[1-[(4-chlorophenyl)methyl]-1H-indol-3-yl)methylene]-
2-(1-naphthalenylamino)-
MF C29 H20 Cl N3 O S

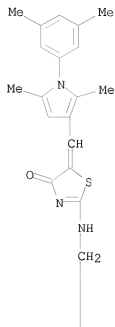


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

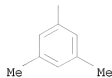
10/535,690

L2 9 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 4(5H)-Thiazolone, 5-[[1-(3,5-dimethylphenyl)-2,5-dimethyl-1H-pyrrol-3-yl]methylene]-2-[[(3,5-dimethylphenyl)methyl]amino]-
MF C27 H29 N3 O S

PAGE 1-A



PAGE 2-A



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

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=> s l1 sss ful
FULL SEARCH INITIATED 12:28:26 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 94487 TO ITERATE

100.0% PROCESSED 94487 ITERATIONS 323 ANSWERS
SEARCH TIME: 00.00.03

L3 323 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 186.36 186.58

FILE 'CAPLUS' ENTERED AT 12:28:34 ON 16 OCT 2009
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FILE COVERS 1907 - 16 Oct 2009 VOL 151 ISS 17
FILE LAST UPDATED: 15 Oct 2009 (20091015/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

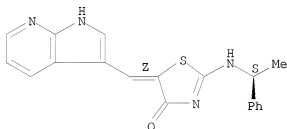
<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3
L4 31 L3
=> d l4 1-31 bib hitstr

L4 ANSWER 1 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2009:773310 CAPLUS
 DN 151:173293
 TI Cell Division Cycle 7 Kinase Inhibitors: 1H-Pyrrolo[2,3-b]pyridines,
 Synthesis and Structure-Activity Relationships
 AU Ermoli, Antonella; Bargiotti, Alberto; Brasca, Maria Gabriella;
 Ciavolella, Antonella; Colombo, Nicoletta; Fachin, Gabriele; Isacchi,
 Antonella; Menichincheri, Maria; Molinari, Antonio; Montagnoli, Alessia;
 Pillan, Antonio; Rainoldi, Sonia; Sirtori, Federico Riccardi; Sola,
 Francesco; Thieffine, Sandrine; Tibolla, Marcellino; Valsasina, Barbara;
 Volpi, Daniele; Santocanale, Corrado; Vanotti, Ermes
 CS Nerviano Medical Sciences, Milan, 20014, Italy
 SO Journal of Medicinal Chemistry (2009), 52(14), 4380-4390
 CODEN: JMCMAR; ISSN: 0022-2623
 PB American Chemical Society
 DT Journal
 LA English
 IT 937011-35-3P 1173715-54-2P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL
 (Biological study); PREP (Preparation)
 (preparation and structure-activity relationships of pyrrolopyridine derivs.
 as Cdc7 kinase inhibitors)
 RN 937011-35-3 CAPLUS
 CN 4(5H)-Thiazolone, 2-[[[(1S)-1-phenylethyl]amino]-5-(1H-pyrrolo[2,3-
 b]pyridin-3-ylmethylene)-, hydrochloride (1:1), (5Z)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.

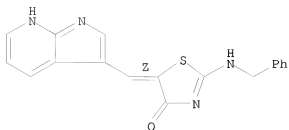


● HCl

RN 1173715-54-2 CAPLUS
 CN 4(5H)-Thiazolone, 2-[[[(1S)-1-phenylethyl]amino]-5-(1H-pyrrolo[2,3-b]pyridin-3-
 ylmethylene)-, hydrochloride (1:1), (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

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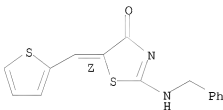
● HCl

RE.CNT 36

THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

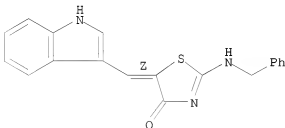
L4 ANSWER 2 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2008:1462272 CAPLUS
 DN 150:168212
 TI Three-component one-pot synthetic route to
 2-amino-5-alkylidene-thiazol-4-ones
 AU Anderluh, Marko; Jukic, Marko; Petric, Rok
 CS Department of Medicinal Chemistry, Faculty of Pharmacy, University of
 Ljubljana, Ljubljana, 1000, Slovenia
 SO Tetrahedron (2008), Volume Date 2009, 65(1), 344-350
 CODEN: TETRAE; ISSN: 0040-4020
 PB Elsevier Ltd.
 DT Journal
 LA English
 OS CASREACT 150:168212
 IT 1105571-73-0P 1105572-07-3P 1107591-69-4P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (stereoselective preparation of amino alkylidene thiazolones via subsequent
 Knoevenagel condensation and addition-elimination of aryl/heteroaryl
 aldehydes, rhodanine and primary/cyclic amines)
 RN 1105571-73-0 CAPLUS
 CN 4(5H)-Thiazolone, 2-[(phenylmethyl)amino]-5-(2-thienylmethylene)-, (5Z)-
 (CA INDEX NAME)

Double bond geometry as shown.



RN 1105572-07-3 CAPLUS
 CN 4(5H)-Thiazolone, 5-(1H-indol-3-ylmethylene)-2-[(phenylmethyl)amino]-,
 (5Z)- (CA INDEX NAME)

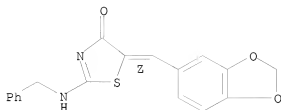
Double bond geometry as shown.



RN 1107591-69-4 CAPLUS
 CN 4(5H)-Thiazolone, 5-(1,3-benzodioxol-5-ylmethylene)-2-
 [(phenylmethyl)amino]-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

10/535,690



OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/535,690

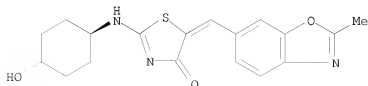
L4 ANSWER 3 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2007:1022578 CAPLUS
 DN 147:365484
 TI Preparation of thiazolones for use as PI3 kinase inhibitors
 IN Dhanak, Dashyant; Knight, Steven David
 PA Smithkline Beecham Corporation, USA
 SO PCT Int. Appl., 129 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007103755	A2	20070913	WO 2007-US63113	20070302
	WO 2007103755	A3	20080306		
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	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
	EP 1993536	A2	20081126	EP 2007-757756	20070302
	R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, JP 2009528384	T	20090806	JP 2008-557506
	US 20090048252	A1	20090219	US 2008-281181	20080829
PRAI	US 2006-778272P	P	20060302		
	WO 2007-US63113	W	20070302		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

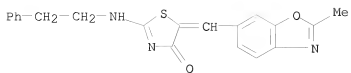
OS MARPAT 147:365484
 IT 864274-24-8P 864274-25-9P 864274-26-0P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of substituted thiazolones as PI3 kinase inhibitors useful in combination therapy of diseases)
 RN 864274-24-8 CAPLUS
 CN 4(5H)-Thiazolone, 2-[(trans-4-hydroxycyclohexyl)amino]-5-[(2-methyl-6-benzoxazolyl)methylene]- (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry unknown.



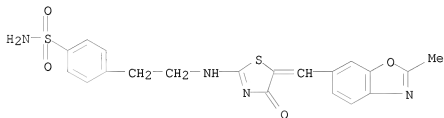
RN 864274-25-9 CAPLUS
 CN 4(5H)-Thiazolone, 5-[(2-methyl-6-benzoxazolyl)methylene]-2-[(2-phenylethyl)amino]- (CA INDEX NAME)

10/535,690



RN 864274-26-0 CAPLUS

CN Benzenesulfonamide, 4-[2-[[4,5-dihydro-5-[(2-methyl-6-benzoxazolyl)methylene]-4-oxo-2-thiazolyl]amino]ethyl]- (CA INDEX NAME)

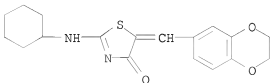


L4 ANSWER 4 OF 31 CAPLUS COPYRIGHT 2009 ACS ON STN
 AN 2007:1022549 CAPLUS
 DN 147:365483
 TI Preparation of thiazolones for use as PI3 kinase inhibitors
 IN Dhanak, Dashyant; Knight, Steven David
 PA Smithkline Beecham Corporation, USA
 SO PCT Int. Appl., 132 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

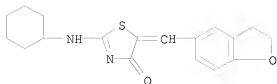
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PI	WO 2007103754	A2	20070913	WO 2007-US63112	20070302
	WO 2007103754	A3	20080306		
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	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
	EP 1993535	A2	20081126	EP 2007-757755	20070302
	R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, JP 2009528383	T	20090806	JP 2008-557505
	US 20090023742	A1	20090122	US 2008-281179	20080829
PRAI	US 2006-778428P	P	20060302		
	WO 2007-US63112	W	20070302		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

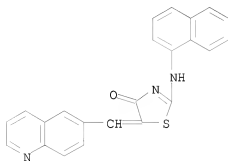
OS CASREACT 147:365483; MARPAT 147:365483
 IT 701293-25-6P 701293-26-7P 701293-38-1P
 701293-78-9P 701293-80-3P 701294-12-4P
 701294-16-8P 701294-17-9P 701294-18-0P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of thiazolone compds. as PI3 kinase inhibitors useful in combination therapy of diseases)
 RN 701293-25-6 CAPLUS
 CN 4(5H)-Thiazolone, 2-(cyclohexylamino)-5-[(2,3-dihydro-1,4-benzodioxin-6-yl)methylene]- (CA INDEX NAME)



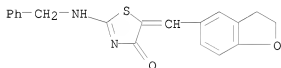
RN 701293-26-7 CAPLUS
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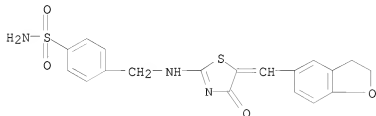
RN 701293-38-1 CAPLUS
CN 4(5H)-Thiazolone, 2-(1-naphthalenylamino)-5-(6-quinolinylmethylene)- (CA INDEX NAME)



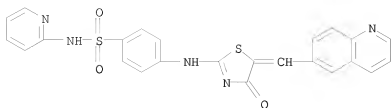
RN 701293-78-9 CAPLUS
CN 4(5H)-Thiazolone, 5-[(2,3-dihydro-5-benzofuranyl)methylene]-2-[(phenylmethyl)amino]- (CA INDEX NAME)



RN 701293-80-3 CAPLUS
CN Benzenesulfonamide, 4-[[[5-[(2,3-dihydro-5-benzofuranyl)methylene]-4,5-dihydro-4-oxo-2-thiazolyl]amino]methyl]- (CA INDEX NAME)

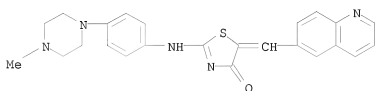


RN 701294-12-4 CAPLUS
CN Benzenesulfonamide, 4-[[[4,5-dihydro-4-oxo-5-(6-quinolinylmethylene)-2-thiazolyl]amino]-N-2-pyridinyl]- (CA INDEX NAME)



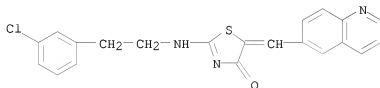
RN 701294-16-8 CAPLUS

CN 4(5H)-Thiazolone, 2-[[4-(4-methyl-1-piperazinyl)phenyl]amino]-5-(6-quinolinylmethylene)- (CA INDEX NAME)



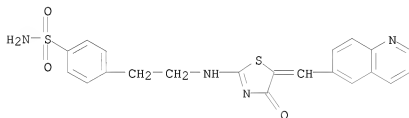
RN 701294-17-9 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(3-chlorophenyl)ethyl]amino]-5-(6-quinolinylmethylene)- (CA INDEX NAME)



RN 701294-18-0 CAPLUS

CN Benzenesulfonamide, 4-[2-[[4,5-dihydro-4-oxo-5-(6-quinolinylmethylene)-2-thiazolyl]amino]ethyl]- (CA INDEX NAME)



L4 ANSWER 5 OF 31 CAPLUS COPYRIGHT 2009 ACS ON STN

AN 2007:538983 CAPLUS

DN 146:521783

TI Pyrrolopyridines as kinase inhibitors and their preparation,
pharmaceutical compositions and use in the treatment of diseases linked to
disregulated cell proliferation or disregulated protein kinase

IN Vanotti, Ermes; Angelucci, Francesco; Bargiotti, Alberto; Brasca, Maria
Gabriella; Ermoli, Antonella; Menichincheri, Maria

PA Pfizer Italia Srl, Italy

SO PCT Int. Appl., 118pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007054508	A1	20070518	WO 2006-EP68220	20061108
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	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	US 20070112020	A1	20070517	US 2005-271191	20051111
	US 7371862	B2	20080513		
	CA 2629228	A1	20070518	CA 2006-2629228	20061108
	EP 1960399	A1	20080827	EP 2006-819327	20061108
	R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR			
	JP 2009515849	T	20090416	JP 2008-539427	20061108
	MX 2008006174	A	20080522	MX 2008-6174	20080509
PRAI	US 2005-271191	A	20051111		
	WO 2006-EP68220	W	20061108		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 146:521783

IT 937011-34-2P 937011-35-3P

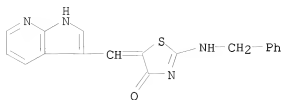
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(drug candidate; preparation of pyrrolopyridine compds. as kinase inhibitors
useful in treatment of diseases linked to disregulated cell
proliferation or to disregulated protein kinase)

RN 937011-34-2 CAPLUS

CN 4(5H)-Thiazolone, 2-[(phenylmethyl)amino]-5-(1H-pyrrolo[2,3-b]pyridin-3-ylmethylene)-, hydrochloride (1:1) (CA INDEX NAME)

10/535,690

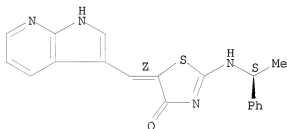


● HCl

RN 937011-35-3 CAPLUS

CN 4(5H)-Thiazolone, 2-[[[(1S)-1-phenylethyl]amino]-5-(1H-pyrrolo[2,3-b]pyridin-3-ylmethylene)-, hydrochloride (1:1), (5Z)- (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

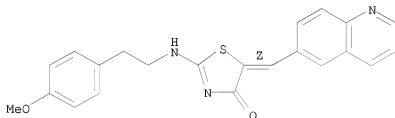


● HCl

OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

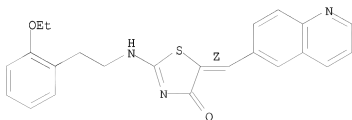
L4 ANSWER 6 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2007:382117 CAPLUS
 DN 147:52839
 TI Synthesis and activity of quinolinyl-methylene-thiazolinones as potent and selective cyclin-dependent kinase 1 inhibitors
 AU Chen, Shaoqing; Chen, Li; Le, Nam T.; Zhao, Chunlin; Sidduri, Achyutharao; Lou, Jian Ping; Michoud, Christophe; Portland, Louis; Jackson, Nicole; Liu, Jin-Jun; Konzelmann, Fred; Chi, Feng; Tovar, Christian; Xiang, Qing; Chen, Yingsi; Wen, Yang; Vassilev, Lyubomir T.
 CS Roche Research Center, Hoffmann-La Roche Inc., Nutley, NJ, 07110, USA
 SO Bioorganic & Medicinal Chemistry Letters (2007), 17(8), 2134-2138
 CODEN: BMCLE8; ISSN: 0960-894X
 PB Elsevier Ltd.
 DT Journal
 LA English
 OS CASREACT 147:52839
 IT 872573-97-2P 872574-03-3P 872574-04-4P
 872574-05-5P 872574-16-8P 938047-12-2P
 938047-14-4P 938047-15-5P 938047-16-6P
 938047-18-8P 938047-20-2P 938047-21-3P
 938047-22-4P 938047-23-5P 938047-24-6P
 938047-25-7P 938047-26-8P 938047-27-9P
 938047-28-0P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (preparation, cyclin-dependent kinase 1 inhibitory activity, antitumor activity, and SAR of (quinolinylmethylidene)thiazolinones)
 RN 872573-97-2 CAPLUS
 CN 4(5H)-Thiazolone, 2-[[2-(4-methoxyphenyl)ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.



RN 872574-03-3 CAPLUS
 CN 4(5H)-Thiazolone, 2-[[2-(2-ethoxyphenyl)ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

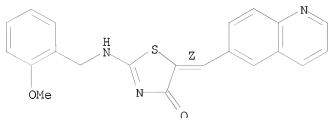


RN 872574-04-4 CAPLUS

10/535,690

CN 4(5H)-Thiazolone, 2-[[(2-methoxyphenyl)methyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

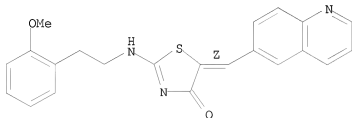
Double bond geometry as shown.



RN 872574-05-5 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(2-methoxyphenyl)ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

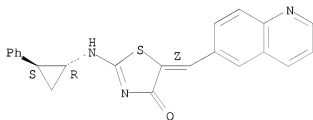


RN 872574-16-8 CAPLUS

CN 4(5H)-Thiazolone, 2-[[(1R,2S)-2-phenylcyclopropyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Absolute stereochemistry.

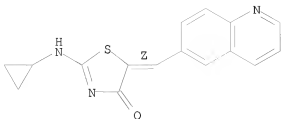
Double bond geometry as shown.



RN 938047-12-2 CAPLUS

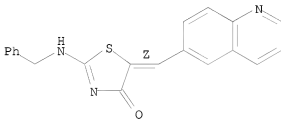
CN 4(5H)-Thiazolone, 2-(cyclopropylamino)-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.



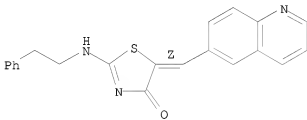
RN 938047-14-4 CAPLUS
 CN 4(5H)-Thiazolone, 2-[(phenylmethyl)amino]-5-(6-quinolinylmethylene)-,
 (5Z)- (CA INDEX NAME)

Double bond geometry as shown.



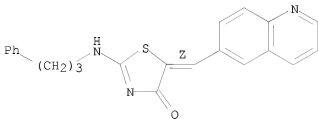
RN 938047-15-5 CAPLUS
 CN 4(5H)-Thiazolone, 2-[(2-phenylethyl)amino]-5-(6-quinolinylmethylene)-,
 (5Z)- (CA INDEX NAME)

Double bond geometry as shown.



RN 938047-16-6 CAPLUS
 CN 4(5H)-Thiazolone, 2-[(3-phenylpropyl)amino]-5-(6-quinolinylmethylene)-,
 (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

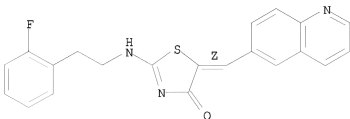


RN 938047-18-8 CAPLUS

10/535,690

CN 4(5H)-Thiazolone, 2-[[2-(2-fluorophenyl)ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

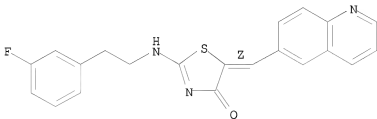
Double bond geometry as shown.



RN 938047-20-2 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(3-fluorophenyl)ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

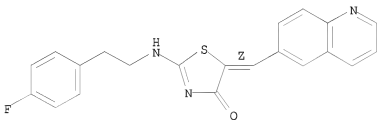
Double bond geometry as shown.



RN 938047-21-3 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(4-fluorophenyl)ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

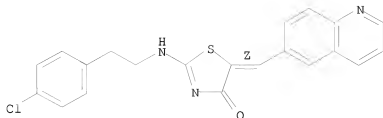


RN 938047-22-4 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(4-chlorophenyl)ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

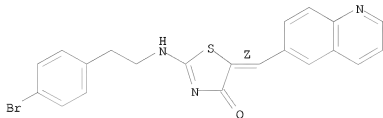
10/535,690



RN 938047-23-5 CAPLUS

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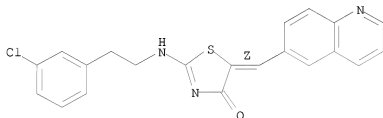
Double bond geometry as shown.



RN 938047-24-6 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(3-chlorophenyl)ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

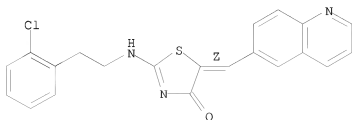
Double bond geometry as shown.



RN 938047-25-7 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(2-chlorophenyl)ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

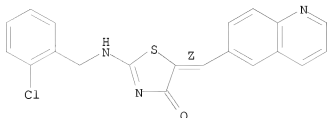


RN 938047-26-8 CAPLUS

10/535,690

CN 4(5H)-Thiazolone, 2-[[(2-chlorophenyl)methyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

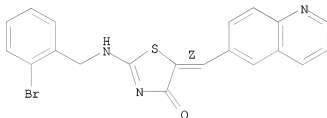
Double bond geometry as shown.



RN 938047-27-9 CAPLUS

CN 4(5H)-Thiazolone, 2-[[(2-bromophenyl)methyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

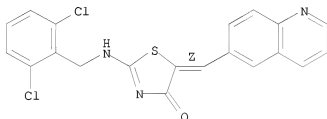
Double bond geometry as shown.



RN 938047-28-0 CAPLUS

CN 4(5H)-Thiazolone, 2-[[(2,6-dichlorophenyl)methyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.



OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

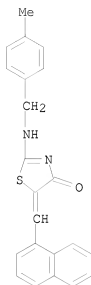
L4 ANSWER 7 OF 31 CAPLUS COPYRIGHT 2009 ACS ON STN
 AN 2006:1225881 CAPLUS
 DN 146:7948
 TI Preparation of 2,5-disubstituted thiazol-4-ones as vanilloid receptor VR1 ligands.
 IN Frank, Robert; Kless, Achim; Jostock, Ruth
 PA Gruenenthal G.m.b.H., Germany
 SO PCT Int. Appl., 153pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006122777	A2	20061123	WO 2006-EP4666	20060517
	WO 2006122777	A3	20070222		
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	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
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	CA 2609002	A1	20061123	CA 2006-2609002	20060517
	EP 1890695	A2	20080227	EP 2006-753682	20060517
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	JP 2008540595	T	20081120	JP 2008-511622	20060517
	US 2009021578	A1	20090827	US 2008-915156	20080610
PRAI	DE 2005-102005024012	A	20050520		
	WO 2006-EP4666	W	20060517		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

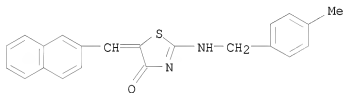
OS CASREACT 146:7948; MARPAT 146:7948
 IT 915312-05-9 915312-09-3 915312-15-1
 915312-20-8
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (preparation of thiazolones as vanilloid receptor VR1 ligands)
 RN 915312-05-9 CAPLUS
 CN 4(5H)-Thiazolone, 2-[[[(4-methylphenyl)methyl]amino]-5-(1-naphthalenylmethylene)- (CA INDEX NAME)

10/535,690



RN 915312-09-3 CAPLUS

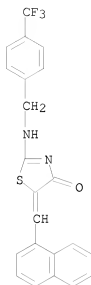
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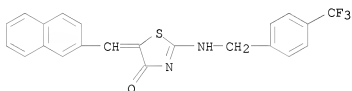
RN 915312-15-1 CAPLUS

CN 4(5H)-Thiazolone, 5-(1-naphthalenylmethylene)-2-[[[4-(trifluoromethyl)phenyl]methyl]amino]- (CA INDEX NAME)

10/535,690



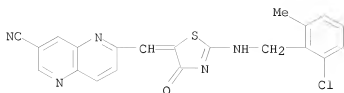
RN 915312-20-8 CAPLUS
 CN 4(5H)-Thiazolone, 5-(2-naphthalenylmethylene)-2-[[[4-(trifluoromethyl)phenyl]methyl]amino]- (CA INDEX NAME)



OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
 RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 31 CAPLUS COPYRIGHT 2009 ACS ON STN
 AN 2006:1041058 CAPLUS
 DN 145:397520
 TI Preparation of substituted 1,5-naphthyridine azolinones
 IN Liu, Jin-Jun
 PA Hoffmann-La Roche Inc., USA
 SO U.S. Pat. Appl. Publ., 27 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20060223843	A1	20061005	US 2006-368936	20060306
	US 7304074	B2	20071204		
	AU 2006232747	A1	20061012	AU 2006-232747	20060324
	CA 2602757	A1	20061012	CA 2006-2602757	20060324
	WO 2006106046	A1	20061012	WO 2006-EP61027	20060324
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	EP 1869036	A1	20071226	EP 2006-708812	20060324
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	JP 2008534646	T	20080828	JP 2008-504732	20060324
	MX 2007011982	A	20071210	MX 2007-11982	20070927
	CN 101155808	A	20080402	CN 2006-80011124	20070930
	KR 2007112239	A	20071122	KR 2007-722761	20071005
	IN 2007CN04389	A	20080125	IN 2007-CN4389	20071005
PRAI	US 2005-668246P	P	20050405		
	WO 2006-EP61027	W	20060324		
OS	CASREACT 145:397520; MARPAT 145:397520				
IT	911389-15-6P				
	RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of [1,5]-naphthyridine azolinones, their Cdk-1, -2, and -4 inhibitory activity, and antitumor activity)				
RN	911389-15-6 CAPLUS				
CN	1,5-Naphthyridine-3-carbonitrile, 6-[[2-[(2-chloro-6-methylphenyl)methyl]amino]-4-oxo-5(4H)-thiazolylidene]methyl]- (CA INDEX NAME)				



IT 911389-00-9P 911389-03-2P 911389-04-3P
 911389-05-4P 911389-10-1P 911389-13-4P
 911389-14-5P 911389-16-7P 911389-17-8P
 911389-19-0P 911389-23-6P 911389-25-8P
 911389-26-9P 911389-27-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

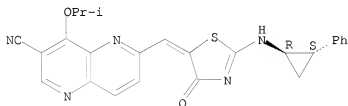
(preparation of [1,5]-naphthyridine azolinones, their Cdk-1, -2, and -4 inhibitory activity, and antitumor activity)

RN 911389-00-9 CAPLUS

CN 1,5-Naphthyridine-3-carbonitrile, 4-((1-methylethoxy)-6-[[4-oxo-2-[[[(1R,2S)-2-phenylcyclopropyl]amino]-5(4H)-thiazolylidene]methyl]-4-(1-methylethoxy)]-2-phenylcyclopropyl]amino)-5(4H)-thiazolylidene]methyl]- (CA INDEX NAME)

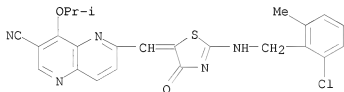
Absolute stereochemistry.

Double bond geometry unknown.



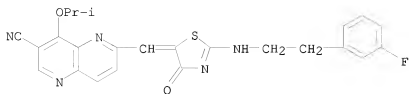
RN 911389-03-2 CAPLUS

CN 1,5-Naphthyridine-3-carbonitrile, 6-[[2-[[[(2-chloro-6-methylphenyl)methyl]amino]-4-oxo-5(4H)-thiazolylidene]methyl]-4-(1-methylethoxy)]-2-phenylcyclopropyl]amino)-5(4H)-thiazolylidene]methyl]- (CA INDEX NAME)



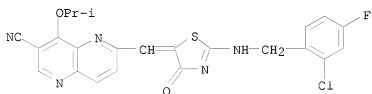
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RN 911389-05-4 CAPLUS

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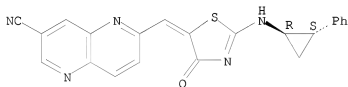


RN 911389-10-1 CAPLUS

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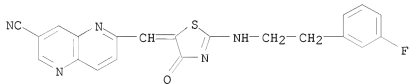
Absolute stereochemistry.

Double bond geometry unknown.



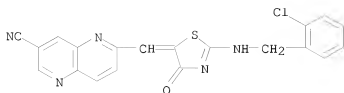
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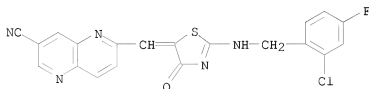


RN 911389-14-5 CAPLUS

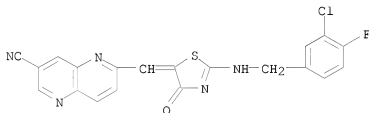
CN 1,5-Naphthyridine-3-carbonitrile, 6-[[2-[[[(2-chlorophenyl)methyl]amino]-4-oxo-5(4H)-thiazolylidene]methyl]- (CA INDEX NAME)



RN 911389-16-7 CAPLUS
 CN 1,5-Naphthyridine-3-carbonitrile, 6-[[2-[[[(2-chloro-4-fluorophenyl)methyl]amino]-4-oxo-5(4H)-thiazolylidene]methyl]- (CA INDEX NAME)

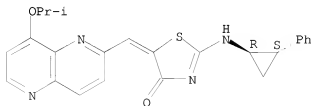


RN 911389-17-8 CAPLUS
 CN 1,5-Naphthyridine-3-carbonitrile, 6-[[2-[[[(3-chloro-4-fluorophenyl)methyl]amino]-4-oxo-5(4H)-thiazolylidene]methyl]- (CA INDEX NAME)

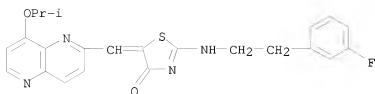


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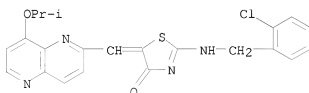
Absolute stereochemistry.
 Double bond geometry unknown.



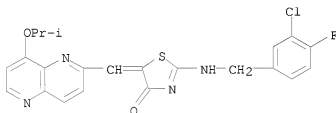
RN 911389-23-6 CAPLUS
 CN 4(5H)-Thiazolone, 2-[[2-(3-fluorophenyl)ethyl]amino]-5-[[8-(1-methylethoxy)-1,5-naphthyridin-2-yl]methylene]- (CA INDEX NAME)



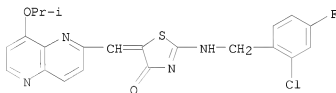
RN 911389-25-8 CAPLUS
 CN 4(5H)-Thiazolone, 2-[[[(2-chlorophenyl)methyl]amino]-5-[[8-(1-methylethoxy)-1,5-naphthyridin-2-yl]methylene]- (CA INDEX NAME)



RN 911389-26-9 CAPLUS
 CN 4(5H)-Thiazolone, 2-[[[(3-chloro-4-fluorophenyl)methyl]amino]-5-[[8-(1-methylethoxy)-1,5-naphthyridin-2-yl]methylene]- (CA INDEX NAME)

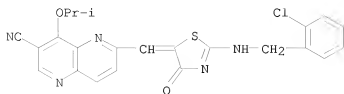


RN 911389-27-0 CAPLUS
 CN 4(5H)-Thiazolone, 2-[[[(2-chloro-4-fluorophenyl)methyl]amino]-5-[[8-(1-methylethoxy)-1,5-naphthyridin-2-yl]methylene]- (CA INDEX NAME)



IT 911388-99-3P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of [1,5]-naphthyridine azolinones, their Cdk-1, -2, and -4
 inhibitory activity, and antitumor activity)
 RN 911388-99-3 CAPLUS
 CN 1,5-Naphthyridine-3-carbonitrile, 6-[[2-[[[(2-chlorophenyl)methyl]amino]-4-oxo-5(4H)-thiazolylidene]methyl]-4-(1-methylethoxy)- (CA INDEX NAME)

10/535,690



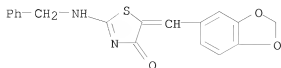
OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 31 CAPLUS COPYRIGHT 2009 ACS ON STN
 AN 2006:367076 CAPLUS
 DN 144:398358
 TI PI3 kinase gamma inhibitors for the treatment of anaemia
 IN Wetzker, Reinhard; Mueller, Angelika; Rommel, Christian
 PA Applied Research Systems Ars Holding N.V., Neth. Antilles
 SO PCT Int. Appl., 48 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006040318	A2	20060420	WO 2005-EP55156	20051011
	WO 2006040318	A3	20060810		
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	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	AU 2005293556	A1	20060420	AU 2005-293556	20051011
	CA 2580480	A1	20060420	CA 2005-2580480	20051011
	EP 1807075	A2	20070718	EP 2005-801722	20051011
	R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU			
	CN 101056633	A	20071017	CN 2005-80038804	20051011
	JP 2008515955	T	20080515	JP 2007-536166	20051011
	ZA 2007002435	A	20080625	ZA 2007-2435	20051011
	BR 2005017416	A	20081007	BR 2005-17416	20051011
	IN 2007DN02450	A	20070803	IN 2007-DN2450	20070402
	MX 2007004302	A	20070607	MX 2007-4302	20070411
	NO 2007002393	A	20070509	NO 2007-2393	20070509
	US 20090042773	A1	20090212	US 2007-664969	20070710
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	WO 2005-EP55156	W	20051011		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

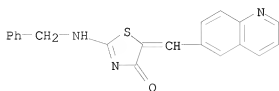
OS MARPAT 144:398358
 IT 843641-27-0 843641-28-1
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (PI3 kinase gamma inhibitors for treatment of anemia)
 RN 843641-27-0 CAPLUS
 CN 4(5H)-Thiazolone, 5-(1,3-benzodioxol-5-ylmethylene)-2-[(phenylmethyl)amino]- (CA INDEX NAME)



10/535,690

RN 843641-28-1 CAPLUS

CN 4(5H)-Thiazolone, 2-[(phenylmethyl)amino]-5-(6-quinolinylmethylene)- (CA
INDEX NAME)



RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2006:365138 CAPLUS
 DN 144:412492
 TI Preparation of azaindole thiazolinones as anti-cancer agents
 IN Chen, Shaoqing; Sidduri, Achyutharao
 PA F. Hoffmann-La Roche AG, Switz.
 SO PCT Int. Appl., 60 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

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PI	WO 2006040049	A1	20060420	WO 2005-EP10702	20051005
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	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
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	CA 2582986	A1	20060420	CA 2005-2582986	20051005
	US 20060084674	A1	20060420	US 2005-243855	20051005
	US 7247727	B2	20070724		
	EP 1805175	A1	20070711	EP 2005-796364	20051005
	EP 1805175	B1	20080305		
	R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR			
	CN 101039943	A	20070919	CN 2005-80034649	20051005
	AT 388149	T	20080315	AT 2005-796364	20051005
	JP 2008516903	T	20080522	JP 2007-536044	20051005
	ES 2301066	T3	20080616	ES 2005-796364	20051005
	BR 2005018158	A	20081104	BR 2005-18158	20051005
	MX 2007004273	A	20070511	MX 2007-4273	20070411
	KR 2007053342	A	20070523	KR 2007-708500	20070413
	KR 875870	B1	20081226		
	IN 2007CN01491	A	20070831	IN 2007-CN1491	20070413
PRAI	US 2004-618672P	P	20041014		
	WO 2005-EP10702	W	20051005		
OS	CASREACT 144:412492; MARPAT 144:412492				
IT	883874-11-1P, (Z)-2-[(3-Chloro-4-fluorobenzyl)amino]-5-[1-(1H-pyrrolo[2,3-b]pyridin-3-yl)methylidene]thiazol-4-one				
	883874-12-2P, (Z)-2-[(1R,2S)-2-Phenylcyclopropyl]amino]-5-[1-(1H-pyrrolo[2,3-b]pyridin-3-yl)methylidene]thiazol-4-one				
	883874-17-7P, (Z)-2-[(2-Chlorobenzyl)amino]-5-[1-(1H-pyrrolo[2,3-b]pyridin-3-yl)methylidene]thiazol-4-one				
	883874-18-8P, (Z)-2-[(2-Chloro-6-methylbenzyl)amino]-5-[1-(1H-pyrrolo[2,3-b]pyridin-3-yl)methylidene]thiazol-4-one				
	883874-21-3P, (Z)-2-[(2-Chloro-4-fluorobenzyl)amino]-5-[1-(1H-pyrrolo[2,3-b]pyridin-3-yl)methylidene]thiazol-4-one				
	883874-25-7P, (Z)-2-[(2-(3-Fluorophenyl)ethyl)amino]-5-[1-(1H-pyrrolo[2,3-b]pyridin-3-yl)methylidene]thiazol-4-one				
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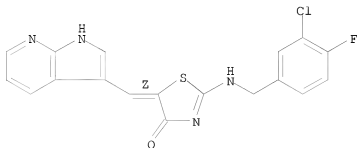
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrrolo[2,3-b]pyridinyl thiazolinones as anti-cancer agents)

RN 883874-11-1 CAPLUS

CN 4(5H)-Thiazolone, 2-[[(3-chloro-4-fluorophenyl)methyl]amino]-5-(1H-pyrrolo[2,3-b]pyridin-3-ylmethylene)-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

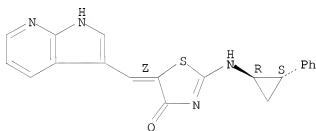


RN 883874-12-2 CAPLUS

CN 4(5H)-Thiazolone, 2-[[(1R,2S)-2-phenylcyclopropyl]amino]-5-(1H-pyrrolo[2,3-b]pyridin-3-ylmethylene)-, (5Z)-rel- (CA INDEX NAME)

Relative stereochemistry.

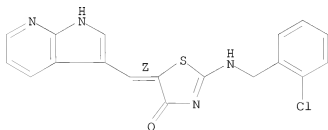
Double bond geometry as shown.



RN 883874-17-7 CAPLUS

CN 4(5H)-Thiazolone, 2-[[(2-chlorophenyl)methyl]amino]-5-(1H-pyrrolo[2,3-b]pyridin-3-ylmethylene)-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

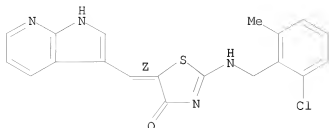


RN 883874-18-8 CAPLUS

CN 4(5H)-Thiazolone, 2-[[(2-chloro-6-methylphenyl)methyl]amino]-5-(1H-pyrrolo[2,3-b]pyridin-3-ylmethylene)-, (5Z)- (CA INDEX NAME)

10/535,690

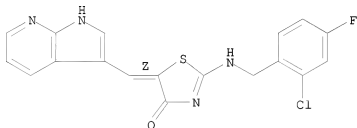
Double bond geometry as shown.



RN 883874-21-3 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-chloro-4-fluorophenyl)methyl]amino]-5-(1H-pyrrolo[2,3-b]pyridin-3-ylmethylene)-, (5Z)- (CA INDEX NAME)

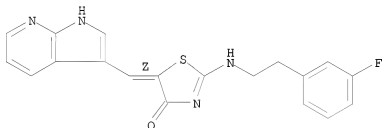
Double bond geometry as shown.



RN 883874-25-7 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(3-fluorophenyl)ethyl]amino]-5-(1H-pyrrolo[2,3-b]pyridin-3-ylmethylene)-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

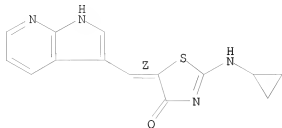


RN 883874-26-8 CAPLUS

CN 4(5H)-Thiazolone, 2-(cyclopropylamino)-5-(1H-pyrrolo[2,3-b]pyridin-3-ylmethylene)-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

10/535,690



OSC.G	3	THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
RE.CNT	1	THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
		ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2006:365055 CAPLUS
 DN 144:412488
 TI Preparation of [1,5]naphthyridine azothiazolones as CDK1 antiproliferative agents
 IN Liu, Jin-Jun
 PA F. Hoffmann-La Roche AG, Switz.
 SO PCT Int. Appl., 56 pp.
 CODEN: PIXXD2
 DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006040052	A1	20060420	WO 2005-EP10716	20051005
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	AU 2005293835	A1	20060420	AU 2005-293835	20051005
	CA 2583192	A1	20060420	CA 2005-2583192	20051005
	US 20060084673	A1	20060420	US 2005-244022	20051005
	US 7268231	B2	20070911		
	EP 1805174	A1	20070711	EP 2005-791894	20051005
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	CN 101039944	A	20070919	CN 2005-80035111	20051005
	JP 2008516905	T	20080522	JP 2007-536046	20051005
	BR 2005016488	A	20080909	BR 2005-16488	20051005
	MX 2007004276	A	20070516	MX 2007-4276	20070411
	KR 2007053332	A	20070523	KR 2007-708407	20070413
	KR 875408	B1	20081223		
	IN 2007CN01522	A	20070831	IN 2007-CN1522	20070416
	KR 2008075235	A	20080814	KR 2008-718586	20080728
PRAI	US 2004-618807P	P	20041014		
	WO 2005-EP10716	W	20051005		
	KR 2007-708407	A3	20070413		
OS	CASREACT 144:412488; MARPAT 144:412488				
IT	883865-01-8P	883865-06-3P	883865-12-1P,		
	2-[(3-Chloro-4-fluorobenzyl)amino]-5-[(1,5)naphthyridin-2-yl)methylene]thiazol-4-one	883865-15-4P,			
	2-[(2-(3-Fluorophenyl)ethyl)amino]-5-[(1,5)naphthyridin-2-yl)methylene]thiazol-4-one	883865-17-6P,			
	2-[(2-Chloro-6-methylbenzyl)amino]-5-[(1,5)naphthyridin-2-yl)methylene]thiazol-4-one	883865-19-8P,			
	2-[(2-Chloro-4-fluorobenzyl)amino]-5-[(1,5)naphthyridin-2-yl)methylene]thiazol-4-one				
	RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(preparation of [1,5]naphthyridine azothiazolones as CDK1 antiproliferative agents)				

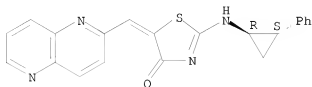
10/535,690

RN 883865-01-8 CAPLUS

CN 4(5H)-Thiazolone, 5-[(1,5-naphthyridin-2-ylmethylene)-2-[(1R,2S)-2-phenylcyclopropyl]amino]-, rel- (CA INDEX NAME)

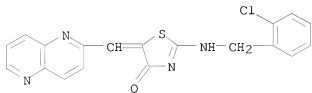
Relative stereochemistry.

Double bond geometry unknown.



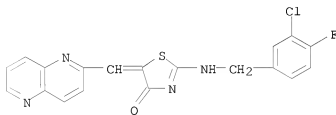
RN 883865-06-3 CAPLUS

CN 4(5H)-Thiazolone, 2-[[[(2-chlorophenyl)methyl]amino]-5-(1,5-naphthyridin-2-ylmethylene)- (CA INDEX NAME)



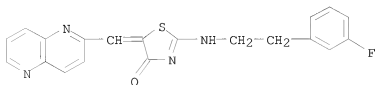
RN 883865-12-1 CAPLUS

CN 4(5H)-Thiazolone, 2-[[[(3-chloro-4-fluorophenyl)methyl]amino]-5-(1,5-naphthyridin-2-ylmethylene)- (CA INDEX NAME)



RN 883865-15-4 CAPLUS

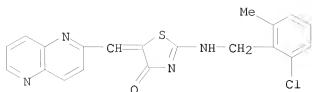
CN 4(5H)-Thiazolone, 2-[[[2-(3-fluorophenyl)ethyl]amino]-5-(1,5-naphthyridin-2-ylmethylene)- (CA INDEX NAME)



RN 883865-17-6 CAPLUS

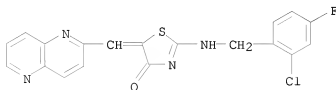
CN 4(5H)-Thiazolone, 2-[[[(2-chloro-6-methylphenyl)methyl]amino]-5-(1,5-naphthyridin-2-ylmethylene)- (CA INDEX NAME)

10/535,690



RN 883865-19-8 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-chloro-4-fluorophenyl)methyl]amino]-5-(1,5-naphthyridin-2-ylmethylene)- (CA INDEX NAME)



OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 12 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2006:362447 CAPLUS
 DN 144:412525
 TI Preparation of quinazolinylmethylene thiazolinones as CDK1 inhibitors
 IN Chen, Li; Chen, Shaoqing; Liu, Jin-Jun
 PA F.Hoffmann-La Roche AG, Switz.
 SO PCT Int. Appl., 69 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006040050	A1	20060420	WO 2005-EP10703	20051005
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	AU 2005293832	A1	20060420	AU 2005-293832	20051005
	CA 2583311	A1	20060420	CA 2005-2583311	20051005
	US 20060084804	A1	20060420	US 2005-244028	20051005
	US 7501428	B2	20090310		
	EP 1802614	A1	20070704	EP 2005-794407	20051005
	R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR			
	CN 101039939	A	20070919	CN 2005-80034902	20051005
	JP 2008516904	T	20080522	JP 2007-536045	20051005
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	MX 2007004274	A	20070516	MX 2007-4274	20070411
	KR 2007053343	A	20070523	KR 2007-708501	20070413
	KR 890533	B1	20090327		
	IN 2007CN01498	A	20070831	IN 2007-CN1498	20070413
PRAI	US 2004-618612P	P	20041014		
	US 2005-681079P	P	20050513		
	WO 2005-EP10703	W	20051005		
OS	CASREACT 144:412525; MARPAT 144:412525				
IT	883867-29-6P, (Z)-2-[(2-(3-Fluorophenyl)ethyl)amino]-5-[1-(quinazolin-6-yl)methylidene]thiazol-4-one 883867-34-3P, (Z)-2-[(3-Fluorobenzyl)amino]-5-[1-(quinazolin-6-yl)methylidene]thiazol-4-one 883867-36-5P, (Z)-5-[1-(4-Ethoxyquinazolin-6-yl)methylidene]-2-[(2-(3-fluorophenyl)ethyl)amino]thiazol-4-one 883867-39-8P 883867-44-5P, 2-[(2-Chlorobenzyl)amino]-5-[1-(4-ethoxy-2-(methylamino)quinazolin-6-yl)methylene]thiazol-4-one 883867-47-8P, 2-[(3-Chloro-4-fluorobenzyl)amino]-5-[1-(4-ethoxy-2-(methylamino)quinazolin-6-yl)methylene]thiazol-4-one 883867-48-9P, 2-[(2-Chloro-4-fluorobenzyl)amino]-5-[1-(4-ethoxy-2-(methylamino)quinazolin-6-yl)methylene]thiazol-4-one 883867-49-0P, 2-[(2-Chloro-6-methylbenzyl)amino]-5-[1-(4-ethoxy-2-(methylamino)quinazolin-6-yl)methylene]thiazol-4-one 883867-51-4P, 5-[1-(4-Ethoxy-2-(methylamino)quinazolin-6-yl)methylene]-2-[(2-(3-fluorophenyl)ethyl)amino]thiazol-4-one 883867-57-0P,				

2-[[2-(3-Fluorophenyl)ethyl]amino]-5-[1-(quinazolin-6-yl)methylidene]thiazol-4-one 883867-58-1P,
 2-[(3-Fluorobenzyl)amino]-5-[1-(quinazolin-6-yl)methylidene]thiazol-4-one
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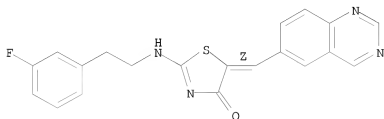
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

(preparation of quinazolinylmethylene thiazolinones as CDK1 inhibitors for
 treatment of cancers)

RN 883867-29-6 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(3-fluorophenyl)ethyl]amino]-5-(6-
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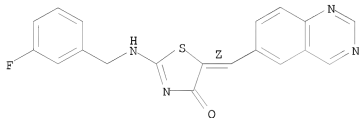
Double bond geometry as shown.



RN 883867-34-3 CAPLUS

CN 4(5H)-Thiazolone, 2-[[[(3-fluorophenyl)methyl]amino]-5-(6-
 quinazolinylmethylene)-, (5Z)- (CA INDEX NAME)

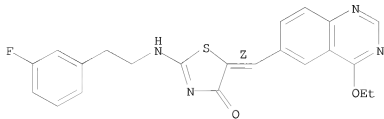
Double bond geometry as shown.



RN 883867-36-5 CAPLUS

CN 4(5H)-Thiazolone, 5-[[4-ethoxy-6-quinazolinyl)methylene]-2-[[2-(3-
 fluorophenyl)ethyl]amino]-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.



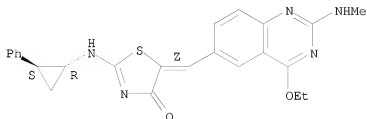
RN 883867-39-8 CAPLUS

CN 4(5H)-Thiazolone, 5-[[4-ethoxy-2-(methylamino)-6-quinazolinyl)methylene]-2-

[[(1R,2S)-2-phenylcyclopropyl]amino]-, (5Z)- (CA INDEX NAME)

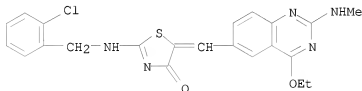
Absolute stereochemistry.

Double bond geometry as shown.



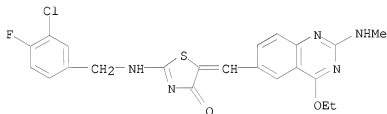
RN 883867-44-5 CAPLUS

CN 4(5H)-Thiazolone, 2-[[(2-chlorophenyl)methyl]amino]-5-[[4-ethoxy-2-(methylamino)-6-quinazolinyl]methylene]- (CA INDEX NAME)



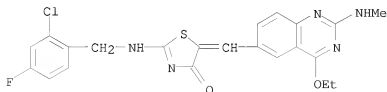
RN 883867-47-8 CAPLUS

CN 4(5H)-Thiazolone, 2-[[(3-chloro-4-fluorophenyl)methyl]amino]-5-[[4-ethoxy-2-(methylamino)-6-quinazolinyl]methylene]- (CA INDEX NAME)



RN 883867-48-9 CAPLUS

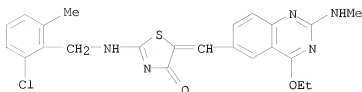
CN 4(5H)-Thiazolone, 2-[[(2-chloro-4-fluorophenyl)methyl]amino]-5-[[4-ethoxy-2-(methylamino)-6-quinazolinyl]methylene]- (CA INDEX NAME)



RN 883867-49-0 CAPLUS

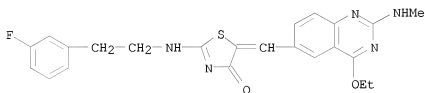
CN 4(5H)-Thiazolone, 2-[[(2-chloro-6-methylphenyl)methyl]amino]-5-[[4-ethoxy-

2-(methylamino)-6-quinazoliny[methylene]- (CA INDEX NAME)



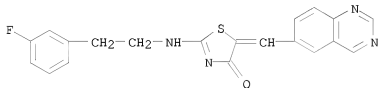
RN 883867-51-4 CAPLUS

CN 4(5H)-Thiazolone, 5-[[4-ethoxy-2-(methylamino)-6-quinazoliny]methylene]-2-[[2-(3-fluorophenyl)ethyl]amino]- (CA INDEX NAME)



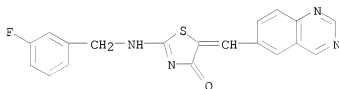
RN 883867-57-0 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(3-fluorophenyl)ethyl]amino]-5-(6-quinazoliny[methylene])- (CA INDEX NAME)



RN 883867-58-1 CAPLUS

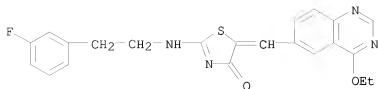
CN 4(5H)-Thiazolone, 2-[[2-(3-fluorophenyl)ethyl]amino]-5-(6-quinazoliny[methylene])- (CA INDEX NAME)



RN 883867-59-2 CAPLUS

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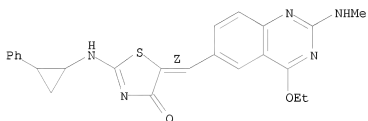
10/535,690



RN 883867-61-6 CAPLUS

CN 4(5H)-Thiazolone, 5-[[4-ethoxy-2-(methylamino)-6-quinazolinyl]methylene]-2-[(2-phenylcyclopropyl)amino]-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 13 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2006:273697 CAPLUS

DN 144:331426

TI Preparation of quinolinyl thiazolinones as CDK1 inhibitors for treatment of cancers

IN Chen, Li; Chen, Shaoqing; Michoud, Christophe

PA F. Hoffmann-La Roche AG, Switz.

SO PCT Int. Appl., 55 pp.

CODEN: PIXXD2

DT Patent

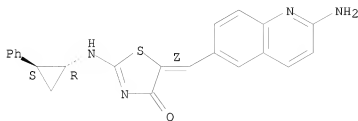
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006029863	A1	20060323	WO 2005-EP9927	20050915
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	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	US 20060063804	A1	20060323	US 2005-224175	20050912
	US 7241893	B2	20070710		
	AU 2005284294	A1	20060323	AU 2005-284294	20050915
	CA 2579348	A1	20060323	CA 2005-2579348	20050915
	EP 1791836	A1	20070606	EP 2005-788472	20050915
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	CN 101018785	A	20070815	CN 2005-80030902	20050915
	JP 2008513398	T	20080501	JP 2007-531677	20050915
	BR 2005015451	A	20080729	BR 2005-15451	20050915
	MX 2007002721	A	20070423	MX 2007-2721	20070306
	KR 2007043886	A	20070425	KR 2007-705967	20070315
	KR 901091	B1	20090608		
	IN 2007CN01146	A	20070817	IN 2007-CN1146	20070319
	KR 2009031797	A	20090327	KR 2009-704678	20090305
PRAI	US 2004-610767P	P	20040917		
	WO 2005-EP9927	W	20050915		
	KR 2007-705967	A3	20070315		
OS	CASREACT 144:331426; MARPAT 144:331426				
IT	880144-54-7P 880144-55-8P 880144-62-7P, 5-[(2-Amino-4-ethoxyquinolin-6-yl)methylene]-2-[[2-(3-fluorophenyl)ethyl]amino]thiazol-4-one 880144-70-7P, N-[6-[(2-(Cyclopropylamino)-4-oxo-4H-thiazol-5-ylidene)methyl]-4-ethoxyquinolin-2-yl]acetamide				
	RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(preparation of quinolinyl thiazolinones as CDK1 inhibitors for treatment of cancers)				
RN	880144-54-7 CAPLUS				
CN	4(5H)-Thiazolone, 5-[(2-amino-6-quinolinyl)methylene]-2-[[1(R,2S)-2-phenylcyclopropyl]amino]-, (5Z)- (CA INDEX NAME)				

10/535,690

Absolute stereochemistry.
Double bond geometry as shown.

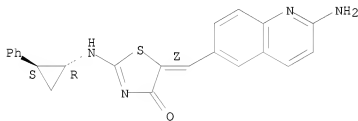


RN 880144-55-8 CAPLUS
CN 4(5H)-Thiazolone, 5-[(2-amino-6-quinolinyl)methylene]-2-[[1R,2S)-2-phenylcyclopropyl]amino]-, (5Z)-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 880144-54-7
CMF C22 H18 N4 O S

Absolute stereochemistry.
Double bond geometry as shown.



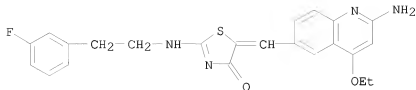
CM 2

CRN 76-05-1
CMF C2 H F3 O2



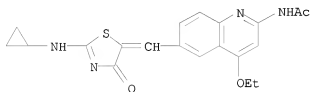
RN 880144-62-7 CAPLUS
CN 4(5H)-Thiazolone, 5-[(2-amino-4-ethoxy-6-quinolinyl)methylene]-2-[[2-(3-fluorophenyl)ethyl]amino]- (CA INDEX NAME)

10/535,690



RN 880144-70-7 CAPLUS

CN Acetamide, N-[6-[[2-(cyclopropylamino)-4-oxo-5(4H)-thiazolylidene]methyl]-4-ethoxy-2-quinolinyl]- (CA INDEX NAME)



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 14 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2006:273695 CAPLUS

DN 144:312080

TI Preparation of thiazolinone 4-monosubstituted quinolines as CDK1-Cyclin B inhibitors for use as anti-cancer agents

IN Chen, Li; Chen, Shaoqing; Sidduri, Achyutharao; Lou, Jianping

PA F. Hoffmann-La Roche AG, Switz.

SO PCT Int. Appl., 131 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006029861	A1	20060323	WO 2005-EP9925	20050915
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	US 20060063805	A1	20060323	US 2005-214153	20050829
	US 7253285	B2	20070807		
	AU 2005284292	A1	20060323	AU 2005-284292	20050915
	CA 2579476	A1	20060323	CA 2005-2579476	20050915
	EP 1797085	A1	20070620	EP 2005-787266	20050915
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	CN 101023080	A	20070822	CN 2005-80031330	20050915
	JP 2008513396	T	20080501	JP 2007-531675	20050915
	BR 2005015467	A	20080722	BR 2005-15467	20050915
	MX 2007002914	A	20070427	MX 2007-2914	20070309
	KR 2007043890	A	20070425	KR 2007-706017	20070315
	KR 898533	B1	20090520		
	IN 2007CN01148	A	20070817	IN 2007-CN1148	20070319
	KR 2009031798	A	20090327	KR 2009-704698	20090305
PRAI	US 2004-610679P	P	20040917		
	WO 2005-EP9925	W	20050915		
	KR 2007-706017	A3	20070315		

OS MARPAT 144:312080

IT 879324-56-8P, (Z)-2-[[2-(2-Ethoxyphenyl)ethyl]amino]-5-[1-(4-ethoxyquinolin-6-yl)methylidene]thiazol-4-one

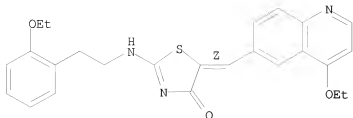
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(drug candidate; preparation of thiazolinone 4-monosubstituted quinolines as CDK1-Cyclin B inhibitors for use as anti-cancer agents)

RN 879324-56-8 CAPLUS

CN 4(5H)-Thiazolone, 2-[[[2-(2-ethoxyphenyl)ethyl]amino]-5-[1-(4-ethoxy-6-quinolinyl)methylene]-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.



IT 879323-75-8P, (Z)-5-(4-Methoxyquinolin-6-ylmethylidene)-2-
 [(1R,2S)-2-phenylcyclopropyl]amino]thiazol-4-one 879323-80-5P
 , (Z)-5-(4-Ethoxyquinolin-6-ylmethylidene)-2-[(1R,2S)-2-
 phenylcyclopropyl]amino]thiazol-4-one 879323-82-7P,
 (Z)-5-(4-Chloroquinolin-6-ylmethylidene)-2-[(1R,2S)-2-
 phenylcyclopropyl]amino]thiazol-4-one 879323-87-2P,
 (Z)-5-[4-(Cyclohexylmethoxy)quinolin-6-ylmethylidene]-2-[(1R,2S)-2-
 phenylcyclopropyl]amino]thiazol-4-one 879323-89-4P,
 (Z)-5-(4-Diethylaminoquinolin-6-ylmethylidene)-2-[(1R,2S)-2-
 phenylcyclopropyl]amino]thiazol-4-one 879323-92-9P,
 (Z)-5-[4-(Morpholin-4-yl)quinolin-6-ylmethylidene]-2-[(1R,2S)-2-
 phenylcyclopropyl]amino]thiazol-4-one 879323-96-3P,
 (Z)-5-[4-(2-Methoxyethoxy)quinolin-6-ylmethylidene]-2-[(1R,2S)-2-
 phenylcyclopropyl]amino]thiazol-4-one 879324-10-4P,
 (Z)-2-[(2-Chlorobenzyl)amino]-5-(4-ethoxyquinolin-6-ylmethylidene)thiazol-
 4-one 879324-13-7P, (Z)-2-[(2-Chloro-6-methylbenzyl)amino]-5-
 (4-ethoxyquinolin-6-ylmethylidene)thiazol-4-one 879324-27-3P,
 (Z)-2-[(2-Chloro-4-fluorobenzyl)amino]-5-(4-ethoxyquinolin-6-
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 (Z)-5-(4-Phenoxyquinolin-6-ylmethylidene)-2-[(1R,2S)-2-
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 (Z)-5-(4-Butoxyquinolin-6-ylmethylidene)-2-[(1R,2S)-2-
 phenylcyclopropyl]amino]thiazol-4-one 879324-37-5P,
 (Z)-5-(4-Ethoxyquinolin-6-ylmethylidene)-2-[[2-(4-
 hydroxyphenyl)ethyl]amino]thiazol-4-one 879324-39-7P,
 (Z)-5-[4-(2-Dimethylaminoethoxy)quinolin-6-ylmethylidene]-2-[[2-(3-
 fluorophenyl)ethyl]amino]thiazol-4-one 879324-41-1P,
 (Z)-2-[[2-(3-Fluorophenyl)ethyl]amino]-5-[4-(2,2,2-
 trifluoroethoxy)quinolin-6-ylmethylidene]thiazol-4-one
 879324-45-5P, (Z)-5-(4-Ethylsulfanylquinolin-6-ylmethylidene)-2-
 [(1R,2S)-2-phenylcyclopropyl]amino]thiazol-4-one 879324-47-7P
 , (Z)-5-(4-Ethylsulfanylquinolin-6-ylmethylidene)-2-[[2-(3-
 fluorophenyl)ethyl]amino]thiazol-4-one 879324-54-6P,
 (Z)-5-[4-(4-Ethoxyquinolin-6-yl)methylene]-2-[[2-(3-
 fluorophenyl)ethyl]amino]thiazol-4-one 879324-58-0P,
 (Z)-2-[[2-(2-Ethoxyphenyl)ethyl]amino]-5-[1-(4-ethoxyquinolin-6-
 ylmethylidene)thiazol-4-one mono(methanesulfonate) 879324-62-6P
 , (Z)-5-[1-(4-Ethoxyquinolin-6-yl)methylidene]-2-[[2-(4-
 fluorophenyl)cyclopropyl]amino]thiazol-4-one
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

(drug candidate; preparation of thiazolinone 4-monosubstituted quinolines as
 CDK1-Cyclin B inhibitors for use as anti-cancer agents)

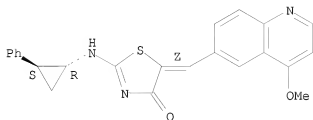
RN 879323-75-8 CAPLUS

CN 4(5H)-Thiazolone, 5-[[4-methoxy-6-quinolinyl)methylene]-2-[(1R,2S)-2-
 phenylcyclopropyl]amino]-, (5Z)- (CA INDEX NAME)

Absolute stereochemistry.

10/535,690

Double bond geometry as shown.

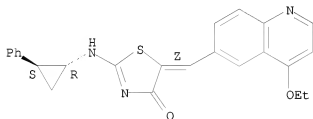


RN 879323-80-5 CAPLUS

CN 4(5H)-Thiazolone, 5-[(4-ethoxy-6-quinolinyl)methylene]-2-[[1R,2S)-2-phenylcyclopropyl]amino]-, (5Z)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

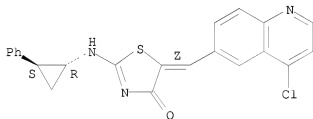


RN 879323-82-7 CAPLUS

CN 4(5H)-Thiazolone, 5-[(4-chloro-6-quinolinyl)methylene]-2-[[1R,2S)-2-phenylcyclopropyl]amino]-, (5Z)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

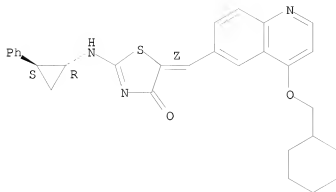


RN 879323-87-2 CAPLUS

CN 4(5H)-Thiazolone, 5-[[4-(cyclohexylmethoxy)-6-quinolinyl]methylene]-2-[[1R,2S)-2-phenylcyclopropyl]amino]-, (5Z)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

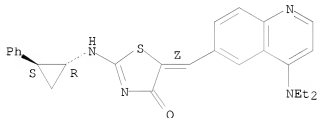


RN 879323-89-4 CAPLUS

CN 4(5H)-Thiazolone, 5-[[4-(diethylamino)-6-quinolinyl]methylene]-2-[[1R,2S)-2-phenylcyclopropyl]amino]-, (5Z)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

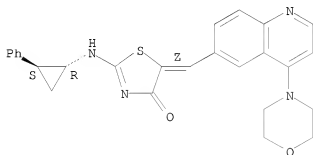


RN 879323-92-9 CAPLUS

CN 4(5H)-Thiazolone, 5-[[4-(4-morpholinyl)-6-quinolinyl]methylene]-2-[[1R,2S)-2-phenylcyclopropyl]amino]-, (5Z)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

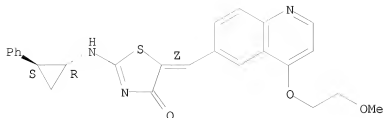


RN 879323-96-3 CAPLUS

CN 4(5H)-Thiazolone, 5-[[4-(2-methoxyethoxy)-6-quinolinyl]methylene]-2-[[1R,2S)-2-phenylcyclopropyl]amino]-, (5Z)- (CA INDEX NAME)

Absolute stereochemistry.

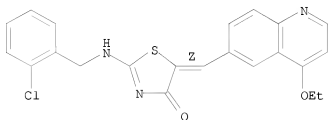
Double bond geometry as shown.



RN 879324-10-4 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(2-chlorophenyl)methyl]amino]-5-[(4-ethoxy-6-quinolinyl)methylene]-, (5Z)- (CA INDEX NAME)

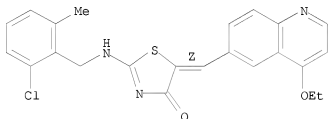
Double bond geometry as shown.



RN 879324-13-7 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(2-chloro-6-methylphenyl)methyl]amino]-5-[(4-ethoxy-6-quinolinyl)methylene]-, (5Z)- (CA INDEX NAME)

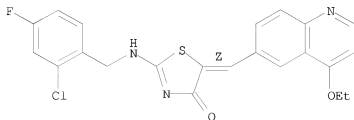
Double bond geometry as shown.



RN 879324-27-3 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(2-chloro-4-fluorophenyl)methyl]amino]-5-[(4-ethoxy-6-quinolinyl)methylene]-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

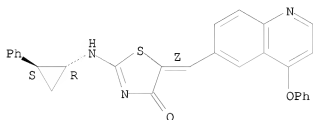


RN 879324-29-5 CAPLUS

10/535,690

CN 4(5H)-Thiazolone, 5-[(4-phenoxy-6-quinolinyl)methylene]-2-[[1R,2S)-2-phenylcyclopropyl]amino]-, (5Z)- (CA INDEX NAME)

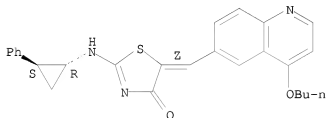
Absolute stereochemistry.
Double bond geometry as shown.



RN 879324-30-8 CAPLUS

CN 4(5H)-Thiazolone, 5-[(4-butoxy-6-quinolinyl)methylene]-2-[[1R,2S)-2-phenylcyclopropyl]amino]-, (5Z)- (CA INDEX NAME)

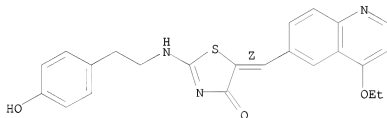
Absolute stereochemistry.
Double bond geometry as shown.



RN 879324-37-5 CAPLUS

CN 4(5H)-Thiazolone, 5-[(4-ethoxy-6-quinolinyl)methylene]-2-[[2-(4-hydroxyphenyl)ethyl]amino]-, (5Z)- (CA INDEX NAME)

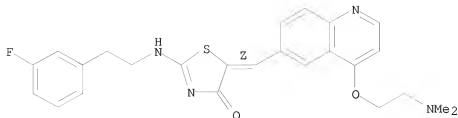
Double bond geometry as shown.



RN 879324-39-7 CAPLUS

CN 4(5H)-Thiazolone, 5-[[4-[2-(dimethylamino)ethoxy]-6-quinolinyl)methylene]-2-[[2-(3-fluorophenyl)ethyl]amino]-, (5Z)- (CA INDEX NAME)

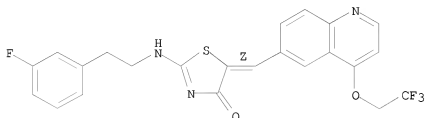
Double bond geometry as shown.



RN 879324-41-1 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(3-fluorophenyl)ethyl]amino]-5-[[4-(2,2,2-trifluoroethoxy)-6-quinolinyl]methylene]-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

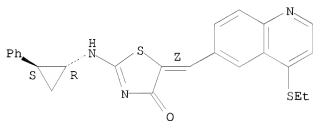


RN 879324-45-5 CAPLUS

CN 4(5H)-Thiazolone, 5-[[4-(ethylthio)-6-quinolinyl]methylene]-2-[[1(1R,2S)-2-phenylcyclopropyl]amino]-, (5Z)- (CA INDEX NAME)

Absolute stereochemistry.

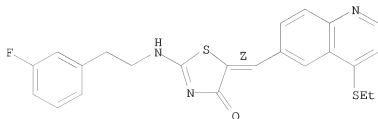
Double bond geometry as shown.



RN 879324-47-7 CAPLUS

CN 4(5H)-Thiazolone, 5-[[4-(ethylthio)-6-quinolinyl]methylene]-2-[[2-(3-fluorophenyl)ethyl]amino]-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

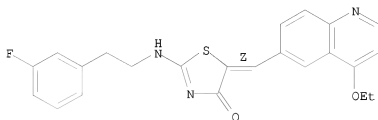


10/535,690

RN 879324-54-6 CAPLUS

CN 4(5H)-Thiazolone, 5-[(4-ethoxy-6-quinolinyl)methylene]-2-[[2-(3-fluorophenyl)ethyl]amino]-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.



RN 879324-58-0 CAPLUS

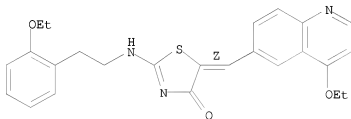
CN 4(5H)-Thiazolone, 2-[[2-(2-ethoxyphenyl)ethyl]amino]-5-[(4-ethoxy-6-quinolinyl)methylene]-, (5Z)-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 879324-56-8

CMF C25 H25 N3 O3 S

Double bond geometry as shown.



CM 2

CRN 75-75-2

CMF C H4 O3 S

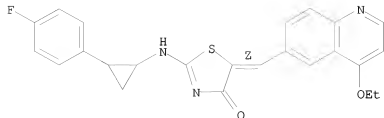


RN 879324-62-6 CAPLUS

CN 4(5H)-Thiazolone, 5-[(4-ethoxy-6-quinolinyl)methylene]-2-[[2-(4-fluorophenyl)cyclopropyl]amino]-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

10/535,690



OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 15 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2006:13243 CAPLUS

DN 144:108310

TI Thiazolinone 3,4-disubstituted quinolines as CDK1 inhibitors for treating cancer

IN Chen, Li; Chen, Shaoqing; Michoud, Christophe

PA Peop. Rep. China

SO U.S. Pat. Appl. Publ., 66 pp.

CODEN: USXXCO

DT Patent

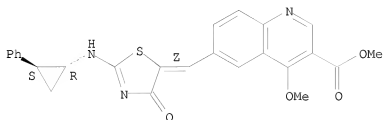
LA English

FAN.CNT 1

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	AU 2005259511	A1	20060112	AU 2005-259511	20050623
	CA 2571732	A1	20060112	CA 2005-2571732	20050623
	WO 2006002828	A1	20060112	WO 2005-EP6806	20050623
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	ZA 2006010535	A	20090429	ZA 2006-10535	20061214
	MX 2006015026	A	20070208	MX 2006-15026	20061219
	KR 2007027656	A	20070309	KR 2006-727955	20061229
	KR 856363	B1	20080904		
	IN 2006CN04824	A	20071005	IN 2006-CN4824	20061229
	NO 2007000565	A	20070208	NO 2007-565	20070130
PRAI	US 2004-584931P	P	20040701		
	US 2005-658273P	P	20050303		
	WO 2005-EP6806	W	20050623		
OS	CASREACT 144:108310; MARPAT 144:108310				
IT	872576-61-9P	872577-25-8P			
	RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)				
	(drug candidate; preparation of thiazolinone disubstituted quinolines as CDK1 inhibitors for treating cancer)				
RN	872576-61-9	CAPLUS			
CN	3-Quinolincarboxylic acid, 4-methoxy-6-[(Z)-[4-oxo-2-[(1R,2S)-2-phenylcyclopropyl]amino]-5(4H)-thiazolylidene]methyl]-, methyl ester (CA INDEX NAME)				

10/535,690

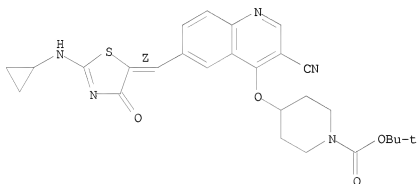
Absolute stereochemistry.
Double bond geometry as shown.



RN 872577-25-8 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[3-cyano-6-[(Z)-[2-(cyclopropylamino)-4-oxo-5(4H)-thiazolylidene]methyl]-4-quinolinyl]oxy]-, 1,1-dimethylethyl ester (CA INDEX NAME)

Double bond geometry as shown.



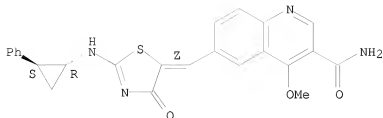
IT 872576-65-3P 872576-74-4P 872576-76-6P
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872578-49-9P 872578-55-7P 872578-57-9P,
6-[[2-(Cyclopropylamino)-4-oxo-4H-thiazol-5-ylidene]methyl]-4-[(piperidin-4-yl)oxy]quinoline-3-carbonitrile 872578-58-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of thiazolidine disubstituted quinolines as CDK1 inhibitors for treating cancer)

RN 872576-65-3 CAPLUS

CN 3-Quinolincarboxamide, 4-methoxy-6-[(Z)-[4-oxo-2-[(1R,2S)-2-phenylcyclopropyl]amino]-5(4H)-thiazolylidene]methyl]- (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

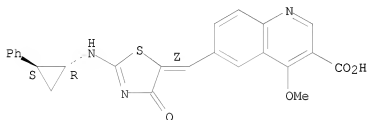


RN 872576-74-4 CAPLUS

CN 3-Quinolinecarboxylic acid, 4-methoxy-6-[(Z)-[4-oxo-2-[(1R,2S)-2-phenylcyclopropyl]amino]-5(4H)-thiazolylidene]methyl]- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

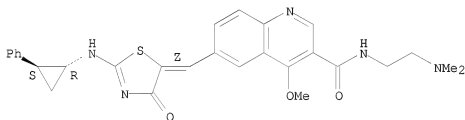


RN 872576-76-6 CAPLUS

CN 3-Quinolinecarboxamide, N-[2-(dimethylamino)ethyl]-4-methoxy-6-[(Z)-[4-oxo-2-[(1R,2S)-2-phenylcyclopropyl]amino]-5(4H)-thiazolylidene]methyl]-, hydrochloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



● HCl

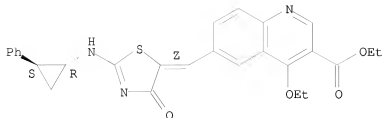
RN 872576-77-7 CAPLUS

CN 3-Quinolinecarboxylic acid, 4-methoxy-6-[(Z)-[4-oxo-2-[(1R,2S)-2-phenylcyclopropyl]amino]-5(4H)-thiazolylidene]methyl]-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

10/535,690

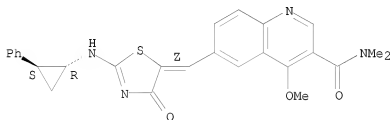


RN 872576-80-2 CAPLUS

CN 3-Quinolinecarboxamide, 4-methoxy-N,N-dimethyl-6-[(Z)-[4-oxo-2-[(1R,2S)-2-phenylcyclopropyl]amino]-5(4H)-thiazolylidene]methyl]- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

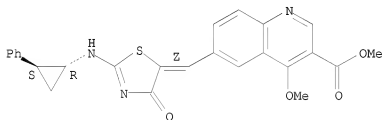


RN 872576-85-7 CAPLUS

CN 3-Quinolinecarboxylic acid, 4-methoxy-6-[(Z)-[4-oxo-2-[(1R,2S)-2-phenylcyclopropyl]amino]-5(4H)-thiazolylidene]methyl]-, methyl ester, hydrochloride (1:?) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



● x HCl

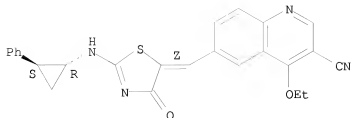
RN 872576-86-8 CAPLUS

CN 3-Quinolinecarbonitrile, 4-ethoxy-6-[(Z)-[4-oxo-2-[(1R,2S)-2-phenylcyclopropyl]amino]-5(4H)-thiazolylidene]methyl]- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

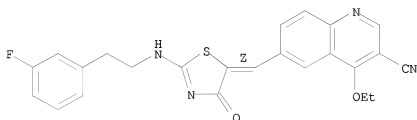
10/535,690



RN 872576-89-1 CAPLUS

CN 3-Quinolinecarbonitrile, 4-ethoxy-6-[(Z)-[2-[[2-(3-fluorophenyl)ethyl]amino]-4-oxo-5(4H)-thiazolylidene]methyl]- (CA INDEX NAME)

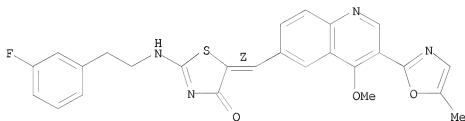
Double bond geometry as shown.



RN 872576-97-1 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(3-fluorophenyl)ethyl]amino]-5-[[4-methoxy-3-(5-methyl-2-oxazolyl)-6-quinolinyl]methylene]-, (5Z)- (CA INDEX NAME)

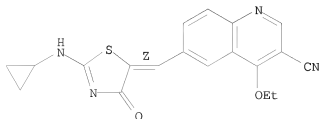
Double bond geometry as shown.



RN 872577-10-1 CAPLUS

CN 3-Quinolinecarbonitrile, 6-[(Z)-[2-(cyclopropylamino)-4-oxo-5(4H)-thiazolylidene]methyl]-4-ethoxy- (CA INDEX NAME)

Double bond geometry as shown.

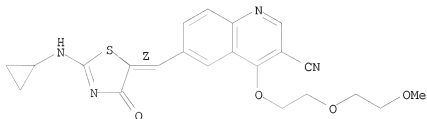


10/535,690

RN 872577-23-6 CAPLUS

CN 3-Quinolines carbonitrile, 6-[(Z)-[2-(cyclopropylamino)-4-oxo-5(4H)-thiazolylidene]methyl]-4-[2-(2-methoxyethoxy)ethoxy]- (CA INDEX NAME)

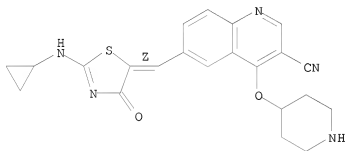
Double bond geometry as shown.



RN 872577-26-9 CAPLUS

CN 3-Quinolines carbonitrile, 6-[(Z)-[2-(cyclopropylamino)-4-oxo-5(4H)-thiazolylidene]methyl]-4-(4-piperidinyloxy)-, hydrochloride (1:1) (CA INDEX NAME)

Double bond geometry as shown.

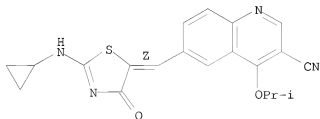


● HCl

RN 872577-29-2 CAPLUS

CN 3-Quinolines carbonitrile, 6-[(Z)-[2-(cyclopropylamino)-4-oxo-5(4H)-thiazolylidene]methyl]-4-(1-methylethoxy)- (CA INDEX NAME)

Double bond geometry as shown.

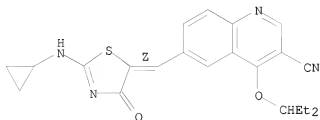


RN 872578-21-7 CAPLUS

CN 3-Quinolines carbonitrile, 6-[(Z)-[2-(cyclopropylamino)-4-oxo-5(4H)-thiazolylidene]methyl]-4-(1-ethylpropoxy)- (CA INDEX NAME)

10/535,690

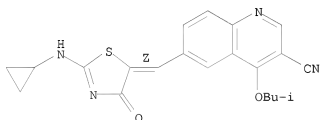
Double bond geometry as shown.



RN 872578-23-9 CAPLUS

CN 3-Quinolincarbonitrile, 6-[(Z)-[2-(cyclopropylamino)-4-oxo-5(4H)-thiazolylidene]methyl]-4-(2-methylpropoxy)- (CA INDEX NAME)

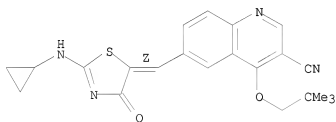
Double bond geometry as shown.



RN 872578-24-0 CAPLUS

CN 3-Quinolincarbonitrile, 6-[(Z)-[2-(cyclopropylamino)-4-oxo-5(4H)-thiazolylidene]methyl]-4-(2,2-dimethylpropoxy)- (CA INDEX NAME)

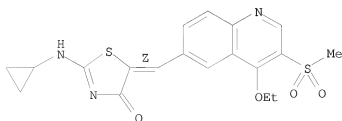
Double bond geometry as shown.



RN 872578-37-5 CAPLUS

CN 4(5H)-Thiazolone, 2-(cyclopropylamino)-5-[[4-ethoxy-3-(methylsulfonyl)-6-quinolinyl]methylene]-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

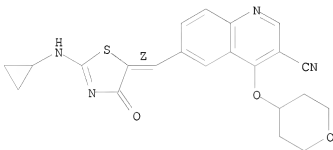


10/535,690

RN 872578-48-8 CAPLUS

CN 3-Quinolines carbonitrile, 6-[(Z)-[2-(cyclopropylamino)-4-oxo-5(4H)-thiazolylidene]methyl]-4-[(tetrahydro-2H-pyran-4-yl)oxy]- (CA INDEX NAME)

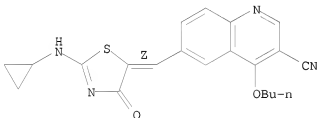
Double bond geometry as shown.



RN 872578-49-9 CAPLUS

CN 3-Quinolines carbonitrile, 4-butoxy-6-[(Z)-[2-(cyclopropylamino)-4-oxo-5(4H)-thiazolylidene]methyl]- (CA INDEX NAME)

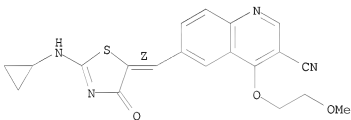
Double bond geometry as shown.



RN 872578-55-7 CAPLUS

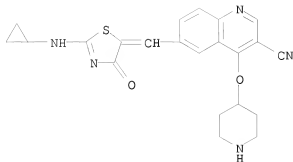
CN 3-Quinolines carbonitrile, 6-[(Z)-[2-(cyclopropylamino)-4-oxo-5(4H)-thiazolylidene]methyl]-4-(2-methoxyethoxy)- (CA INDEX NAME)

Double bond geometry as shown.



RN 872578-57-9 CAPLUS

CN 3-Quinolines carbonitrile, 6-[[2-(cyclopropylamino)-4-oxo-5(4H)-thiazolylidene]methyl]-4-(4-piperidinyloxy)- (CA INDEX NAME)

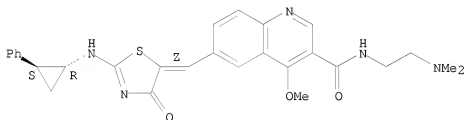


RN 872578-58-0 CAPLUS

CN 3-Quinolinecarboxamide, N-[2-(dimethylamino)ethyl]-4-methoxy-6-[(Z)-[4-oxo-2-[(1R,2S)-2-phenylcyclopropyl]amino]-5(4H)-thiazolylidene]methyl]- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 16 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2006:13215 CAPLUS
 DN 144:108309
 TI Thiazolinone unsubstituted quinolines as CDK1 inhibitors for treating solid tumors
 IN Chen, Li; Chen, Shaoqing
 PA Hoffmann-La Roche Inc., USA
 SO U.S. Pat. Appl. Publ., 38 pp.
 CODEN: USXXCO

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20060004045	A1	20060105	US 2005-170300	20050629
	US 7326786	B2	20080205		
	AU 2005259512	A1	20060112	AU 2005-259512	20050623
	CA 2571738	A1	20060112	CA 2005-2571738	20050623
	WO 2006002829	A1	20060112	WO 2005-EP6807	20050623
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EP	1765817	A1	20070328	EP 2005-753643	20050623
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CN	1984909	A	20070620	CN 2005-80022247	20050623
BR	2005011390	A	20071204	BR 2005-11390	20050623
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ZA	2006010785	A	20081029	ZA 2006-10785	20061220
KR	2007024679	A	20070302	KR 2006-727870	20061229
KR	866298	B1	20081031		
IN	2006CN04823	A	20071005	IN 2006-CN4823	20061229
NO	2007000564	A	20070315	NO 2007-564	20070130
PRAI	US 2004-584746P	P	20040701		
	US 2004-629495P	P	20041119		
	WO 2005-EP6807	W	20050623		
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IT	872573-97-2P, 2-[[2-(4-Methoxyphenyl)ethyl]amino]-5-[1-(quinolin-6-yl)meth-(Z)-ylidene]thiazol-4-one 872573-98-3P, 2-[[2-(3-Methoxyphenyl)ethyl]amino]-5-[1-(quinolin-6-yl)meth-(Z)-ylidene]thiazol-4-one 872573-99-4P, 2-[[2-(2,5-Dimethoxyphenyl)ethyl]amino]-5-[1-(quinolin-6-yl)meth-(Z)-ylidene]thiazol-4-one 872574-03-3P, 2-[[2-(2-Ethoxyphenyl)ethyl]amino]-5-[1-(quinolin-6-yl)meth-(Z)-ylidene]thiazol-4-one 872574-04-4P, 2-[[2-(2-Methoxybenzyl)amino]-5-[1-(quinolin-6-yl)meth-(Z)-ylidene]thiazol-4-one 872574-05-5P, 2-[[2-(2-Methoxyphenyl)ethyl]amino]-5-[1-(quinolin-6-yl)meth-(Z)-ylidene]thiazol-4-one 872574-08-8P, 2-[[2-(4-Aminophenyl)ethyl]amino]-5-[1-(quinolin-6-yl)meth-(Z)-ylidene]thiazol-4-one 872574-16-8P,				

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 2-[(1R,2R)-2-Hydroxycyclopentyl]amino]-5-[1-(quinolin-6-yl)meth-(Z)-ylidene]thiazol-4-one 872574-51-1P,
 2-[(1R,2R)-2-Hydroxycyclohexyl]amino]-5-[1-(quinolin-6-yl)meth-(Z)-ylidene]thiazol-4-one 872574-52-2P 872574-54-4P
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 872575-00-3P

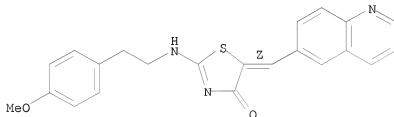
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of thiazolinone unsubstituted quinolines as CDK1 inhibitors for treating cancer)

RN 872573-97-2 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(4-methoxyphenyl)ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

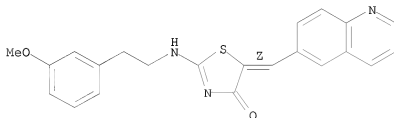
Double bond geometry as shown.



RN 872573-98-3 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(3-methoxyphenyl)ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

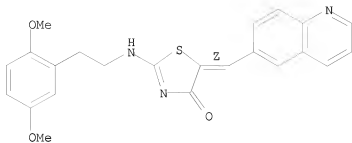
Double bond geometry as shown.



RN 872573-99-4 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(2,5-dimethoxyphenyl)ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

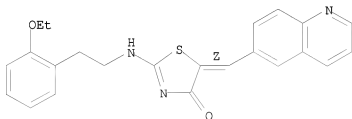
Double bond geometry as shown.



RN 872574-03-3 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(2-ethoxyphenyl)ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

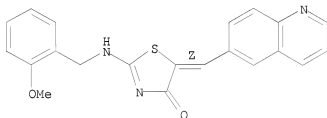
Double bond geometry as shown.



RN 872574-04-4 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(2-methoxyphenyl)methyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

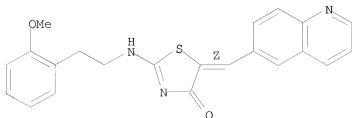
Double bond geometry as shown.



RN 872574-05-5 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(2-methoxyphenyl)ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

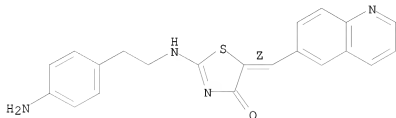


10/535,690

RN 872574-08-8 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(4-aminophenyl)ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

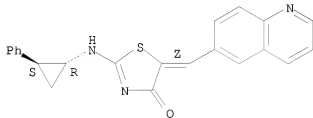


RN 872574-16-8 CAPLUS

CN 4(5H)-Thiazolone, 2-[[[(1R,2S)-2-phenylcyclopropyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Absolute stereochemistry.

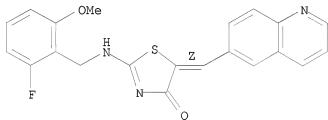
Double bond geometry as shown.



RN 872574-47-5 CAPLUS

CN 4(5H)-Thiazolone, 2-[[[(2-fluoro-6-methoxyphenyl)methyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

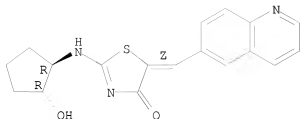


RN 872574-50-0 CAPLUS

CN 4(5H)-Thiazolone, 2-[[[(1R,2R)-2-hydroxycyclopentyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

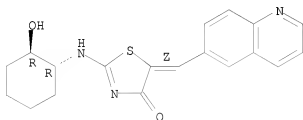
Absolute stereochemistry.

Double bond geometry as shown.



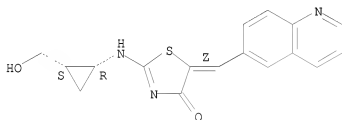
RN 872574-51-1 CAPLUS
 CN 4(5H)-Thiazolone, 2-[[(1R, 2R)-2-hydroxycyclohexyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



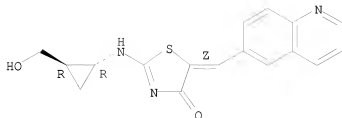
RN 872574-52-2 CAPLUS
 CN 4(5H)-Thiazolone, 2-[[(1R, 2S)-2-(hydroxymethyl)cyclopropyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



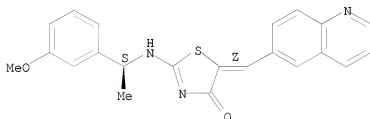
RN 872574-54-4 CAPLUS
 CN 4(5H)-Thiazolone, 2-[[(1R, 2R)-2-(hydroxymethyl)cyclopropyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



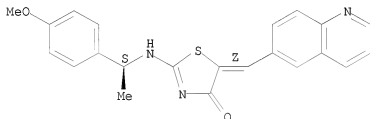
RN 872574-60-2 CAPLUS
 CN 4(5H)-Thiazolone, 2-[[1-(1S)-1-(3-methoxyphenyl)ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



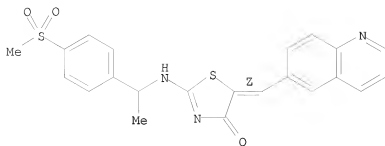
RN 872574-61-3 CAPLUS
 CN 4(5H)-Thiazolone, 2-[[1-(1S)-1-(4-methoxyphenyl)ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



RN 872574-62-4 CAPLUS
 CN 4(5H)-Thiazolone, 2-[[1-[4-(methylsulfonyl)phenyl]ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

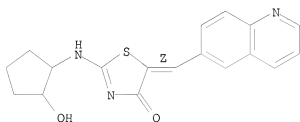
Double bond geometry as shown.



RN 872574-85-1 CAPLUS

CN 4(5H)-Thiazolone, 2-[(2-hydroxycyclopentyl)amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

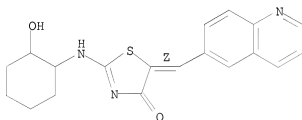
Double bond geometry as shown.



RN 872574-86-2 CAPLUS

CN 4(5H)-Thiazolone, 2-[(2-hydroxycyclohexyl)amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

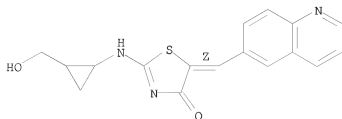
Double bond geometry as shown.



RN 872574-87-3 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-(hydroxymethyl)cyclopropyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

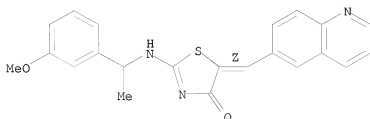


10/535,690

RN 872574-89-5 CAPLUS

CN 4(5H)-Thiazolone, 2-[[1-(3-methoxyphenyl)ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

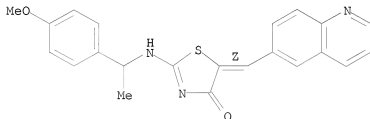
Double bond geometry as shown.



RN 872574-90-8 CAPLUS

CN 4(5H)-Thiazolone, 2-[[1-(4-methoxyphenyl)ethyl]amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

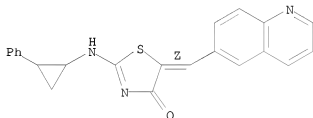
Double bond geometry as shown.



RN 872575-00-3 CAPLUS

CN 4(5H)-Thiazolone, 2-[(2-phenylcyclopropyl)amino]-5-(6-quinolinylmethylene)-, (5Z)- (CA INDEX NAME)

Double bond geometry as shown.

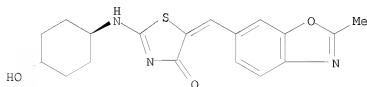


RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 17 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2005:979651 CAPLUS
 DN 143:286417
 TI Preparation of thiazolone compounds for inhibiting hYAK3 proteins
 IN Duffy, Kevin J.; Fitch, Duke M.; Goodman, Steven Neal; Hasegawa, Masaichi;
 Johnson, Neil W.; Kasperek, Jiri; Shaw, Antony N.
 PA Smithkline Beecham Corporation, USA
 SO PCT Int. Appl., 162 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

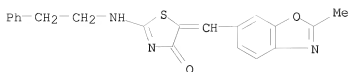
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005082901	A1	20050909	WO 2005-US6022	20050224
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1718642	A1	20061108	EP 2005-723757	20050224
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR, IS				
	JP 2007523957	T	20070823	JP 2007-500992	20050224
	US 20070249599	A1	20071025	US 2006-590623	20060824
PRAI	US 2004-547543P	P	20040225		
	WO 2005-US6022	W	20050224		
OS	CASREACT 143:286417; MARPAT 143:286417				
IT	864274-24-8P	864274-25-9P	864274-26-0P		
	RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(inhibitor; preparation of thiazolone compds. for inhibiting hYAK3 proteins)				
RN	864274-24-8 CAPLUS				
CN	4(5H)-Thiazolone, 2-[(trans-4-hydroxycyclohexyl)amino]-5-[(2-methyl-6-benzoxazolyl)methylene]- (CA INDEX NAME)				

Relative stereochemistry.
 Double bond geometry unknown.



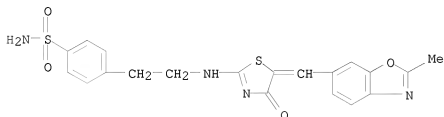
RN 864274-25-9 CAPLUS
 CN 4(5H)-Thiazolone, 5-[(2-methyl-6-benzoxazolyl)methylene]-2-[(2-phenylethyl)amino]- (CA INDEX NAME)

10/535,690



RN 864274-26-0 CAPLUS

CN Benzenesulfonamide, 4-[2-[[4,5-dihydro-5-[(2-methyl-6-benzoxazolyl)methylene]-4-oxo-2-thiazolyl]amino]ethyl]- (CA INDEX NAME)



OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 18 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2005:120737 CAPLUS
 DN 142:219270
 TI Preparation of 2-imino-4-(thio)oxo-5-polycyclovinyllazolines as PI3 kinase inhibitors
 IN Rueckle, Thomas; Shaw, Jeffrey; Church, Denis; Covini, David
 PA Applied Research Systems Ars Holding N.V., Neth.
 SO PCT Int. Appl., '72 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005011686	A1	20050210	WO 2004-EP51625	20040727
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2004260836	A1	20050210	AU 2004-260836	20040727
	CA 2531140	A1	20050210	CA 2004-2531140	20040727
	EP 1648452	A1	20060426	EP 2004-766335	20040727
	EP 1648452	B1	20090722		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
	JP 2007500171	T	20070111	JP 2006-521581	20040727
	US 20070021447	A1	20070125	US 2004-565976	20040727
	NO 2006000573	A	20060203	NO 2006-573	20060203
FRAI	EP 2003-102313	A	20030728		
	WO 2004-EP51625	W	20040727		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS CASREACT 142:219270; MARPAT 142:219270

IT 1044645-58-0

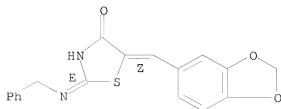
RL: PRPH (Prophetic)

(Preparation of 2-imino-4-(thio)oxo-5-polycyclovinyllazolines as PI3 kinase inhibitors)

RN 1044645-58-0 CAPLUS

CN 4-Thiazolidinone, 5-(1,3-benzodioxol-5-ylmethylene)-2-[(phenylmethyl)imino]-, (2E,5Z)- (CA INDEX NAME)

Double bond geometry as shown.



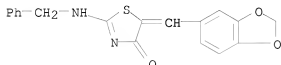
IT 843641-27-0P 843641-28-1P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(preparation of 2-imino-4-(thio)oxo-5-polycyclovinyllazolines as PI3 kinase
inhibitors)

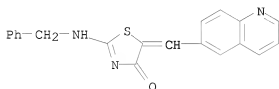
RN 843641-27-0 CAPLUS

CN 4(5H)-Thiazolone, 5-(1,3-benzodioxol-5-ylmethylene)-2-
[(phenylmethyl)amino]- (CA INDEX NAME)



RN 843641-28-1 CAPLUS

CN 4(5H)-Thiazolone, 2-[(phenylmethyl)amino]-5-(6-quinolinylmethylene)- (CA
INDEX NAME)



OSC.G 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 19 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2004:467698 CAPLUS
 DN 141:38601
 TI Preparation of thiazolidinones for inhibiting hYAK3
 IN Hasegawa, Masaichi; Tang, Jun; Sato, Hideyuki
 PA Smithkline Beecham Corporation, USA
 SO PCT Int. Appl., 107 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004047760	A2	20040610	WO 2003-US37658	20031118
	WO 2004047760	A3	20041021		
	W:	AE, AG, AL, AU, BA, BB, BR, BZ, CA, CN, CO, CR, CU, DM, DZ, EC, EG, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, NO, NZ, OM, PH, PL, RO, SC, SG, TN, TT, UA, US, UZ, VN, YU, ZA			
	RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	CA 2507256	A1	20040610	CA 2003-2507256	20031118
	AU 2003298693	A1	20040618	AU 2003-298693	20031118
	EP 1567112	A2	20050831	EP 2003-796448	20031118
	EP 1567112	B1	20081015		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
	BR 2003016502	A	20051004	BR 2003-16502	20031118
	CN 1742010	A	20060301	CN 2003-80109119	20031118
	JP 2006509765	T	20060323	JP 2004-555721	20031118
	NZ 539873	A	20080926	NZ 2003-539873	20031118
	AT 411302	T	20081015	AT 2003-796448	20031118
	ES 2315566	T3	20090401	ES 2003-796448	20031118
	AP 1967	A	20090430	AP 2005-3304	20031118
	IN 2005DN02002	A	20070202	IN 2005-DN2002	20050511
	MX 2005005406	A	20050803	MX 2005-5406	20050520
	NO 2005002928	A	20050817	NO 2005-2928	20050615
	HK 1083443	A1	20090710	HK 2006-102181	20060217
	US 20060293338	A1	20061228	US 2006-535690	20060410
PRAI	US 2002-428384P	P	20021122		
	WO 2003-US37658	W	20031118		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 141:38601

IT 701293-25-6P 701293-26-7P 701293-38-1P
 701293-78-9P 701293-80-3P 701294-12-4P
 701294-16-8P 701294-17-9P 701294-18-0P

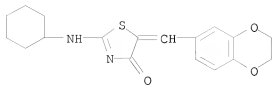
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of thiazolidinones for inhibiting hYAK3)

RN 701293-25-6 CAPLUS

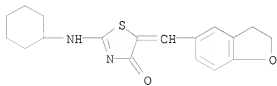
CN 4(5H)-Thiazolone, 2-(cyclohexylamino)-5-[(2,3-dihydro-1,4-benzodioxin-6-yl)methylene]- (CA INDEX NAME)

10/535,690



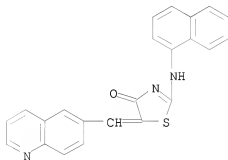
RN 701293-26-7 CAPLUS

CN 4(5H)-Thiazolone, 2-(cyclohexylamino)-5-[(2,3-dihydro-5-benzofuranyl)methylene]- (CA INDEX NAME)



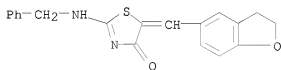
RN 701293-38-1 CAPLUS

CN 4(5H)-Thiazolone, 2-(1-naphthalenylamino)-5-(6-quinolinylmethylene)- (CA INDEX NAME)



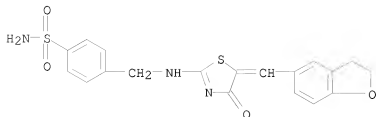
RN 701293-78-9 CAPLUS

CN 4(5H)-Thiazolone, 5-[(2,3-dihydro-5-benzofuranyl)methylene]-2-[(phenylmethyl)amino]- (CA INDEX NAME)



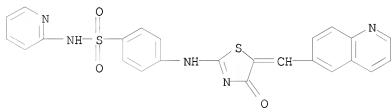
RN 701293-80-3 CAPLUS

CN Benzenesulfonamide, 4-[[[5-[(2,3-dihydro-5-benzofuranyl)methylene]-4,5-dihydro-4-oxo-2-thiazolyl]amino]methyl]- (CA INDEX NAME)



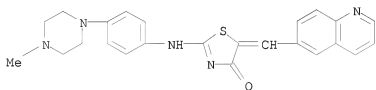
RN 701294-12-4 CAPLUS

CN Benzenesulfonamide, 4-[[4,5-dihydro-4-oxo-5-(6-quinolinylmethylene)-2-thiazolyl]amino]-N-2-pyridinyl- (CA INDEX NAME)



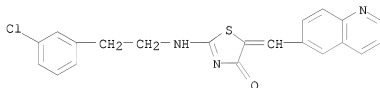
RN 701294-16-8 CAPLUS

CN 4(5H)-Thiazolone, 2-[[4-(4-methyl-1-piperazinyl)phenyl]amino]-5-(6-quinolinylmethylene)- (CA INDEX NAME)



RN 701294-17-9 CAPLUS

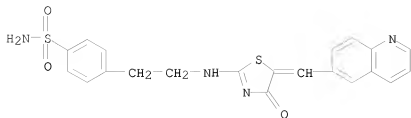
CN 4(5H)-Thiazolone, 2-[[2-(3-chlorophenyl)ethyl]amino]-5-(6-quinolinylmethylene)- (CA INDEX NAME)



RN 701294-18-0 CAPLUS

CN Benzenesulfonamide, 4-[2-[[4,5-dihydro-4-oxo-5-(6-quinolinylmethylene)-2-thiazolyl]amino]ethyl]- (CA INDEX NAME)

10/535,690

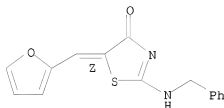


OSC.G 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (9 CITINGS)

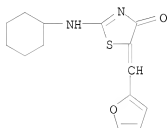
10/535,690

L4 ANSWER 20 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1981:550296 CAPLUS
DN 95:150296
OREF 95:25143a,25146a
TI Synthesis and reactions of cis-3-(2-furyl)propenoyl isocyanate
AU Kutschy, Peter; Kristian, Pavol; Dandarova, Miloslava; Kovac, Jaroslav
CS Dep. Org. Chem., Slovak Inst. Technol., Bratislava, 880 37, Czech.
SO Collection of Czechoslovak Chemical Communications (1981), 46(5), 1160-6
CODEN: CCCCCK; ISSN: 0366-547X
DT Journal
LA English
OS CASREACT 95:150296
IT 79148-85-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 79148-85-9 CAPLUS
CN 4(5H)-Thiazolone, 5-(2-furanylmethylene)-2-[(phenylmethyl)amino]-, (Z)-
(9CI) (CA INDEX NAME)

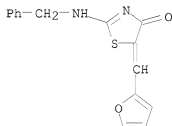
Double bond geometry as shown.



L4 ANSWER 21 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 1981:462050 CAPLUS
 DN 95:62050
 OREF 95:10479a,10482a
 TI Synthesis of 2-substituted 5-arylidene-4-thiazolin-4-ones from
 α,β -unsaturated acyl isothiocyanates
 AU Kutschy, Peter; Dzurilla, Milan; Kristian, Pavol; Kutschyova, Kvetoslava
 CS Dep. Org. Chem., Slovak Inst. Technol., Bratislava, 880 37, Czech.
 SO Collection of Czechoslovak Chemical Communications (1981), 46(2), 436-45
 CODEN: CCCCAK; ISSN: 0366-547X
 DT Journal
 LA English
 OS CASREACT 95:62050
 IT 78374-69-3P 78374-70-6P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 78374-69-3 CAPLUS
 CN 4(5H)-Thiazolone, 2-(cyclohexylamino)-5-(2-furanylmethylene)- (CA INDEX
 NAME)



RN 78374-70-6 CAPLUS
 CN 4(5H)-Thiazolone, 5-(2-furanylmethylene)-2-[(phenylmethyl)amino]- (CA
 INDEX NAME)



OSC.G 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)

L4 ANSWER 22 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN

AN 1973:432038 CAPLUS

DN 79:32038

OREF 79:5201a,5204a

TI Thiazole derivatives

PA Etablissements Clin-Byla

SO Fr., 72 pp.

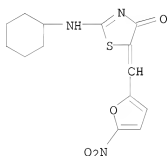
CODEN: FRXXAK

DT Patent

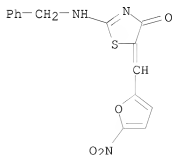
LA French

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 1604530	A	19711129	FR 1967-109263	19670606
	BE 716140	A	19681104	BE 1968-716140	19680605
	GB 1224546	A	19710310	GB 1968-1224546	19680605
	ES 354732	A1	19700416	ES 1968-354732	19680606
	US 3704296	A	19721128	US 1971-146832	19710525
PRAI	FR 1967-109263	A	19670606		
IT	27472-97-5P		27473-65-0P	27473-68-3P	
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(preparation of)				
RN	27472-97-5		CAPLUS		
CN	4(5H)-Thiazolone, 2-(cyclohexylamino)-5-[(5-nitro-2-furanyl)methylene]- (CA INDEX NAME)				



RN 27473-65-0 CAPLUS

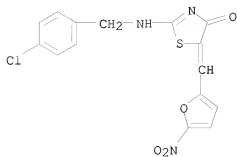
CN 4(5H)-Thiazolone, 5-[(5-nitro-2-furanyl)methylene]-2-[(phenylmethyl)amino]-
(CA INDEX NAME)

RN 27473-68-3 CAPLUS

CN 4(5H)-Thiazolone, 2-[[4-chlorophenyl)methyl]amino]-5-[(5-nitro-2-

10/535,690

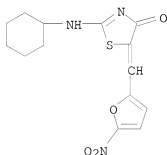
furanyl)methylene]- (CA INDEX NAME)



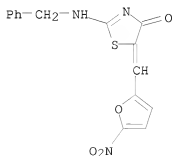
OSC.G 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (9 CITINGS)

L4 ANSWER 23 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 1973:43466 CAPLUS
 DN 78:43466
 OREF 78:6879a,6882a
 TI Antibacterial substituted thiazolidin-4-ones
 IN Mousseron, Max J.
 PA Etablissements Clin-Byla
 SO U.S., 23 pp. Continuation-in-part of U.S. 3,678,041 (CA 77:114388c).
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3704296	A	19721128	US 1971-146832	19710525
	FR 1604530	A	19711129	FR 1967-109263	19670606
PRAI	FR 1967-109263	A	19670606		
IT	27472-97-5P		27473-65-0P	27473-68-3P	
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN	27472-97-5	CAPLUS			
CN	4(5H)-Thiazolone, 2-(cyclohexylamino)-5-[(5-nitro-2-furanyl)methylene]- (CA INDEX NAME)				

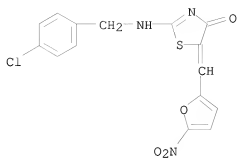


RN 27473-65-0 CAPLUS
 CN 4(5H)-Thiazolone, 5-[(5-nitro-2-furanyl)methylene]-2-[(phenylmethyl)amino]-
 (CA INDEX NAME)



RN 27473-68-3 CAPLUS
 CN 4(5H)-Thiazolone, 2-[[4-chlorophenyl)methyl]amino]-5-[(5-nitro-2-furanyl)methylene]- (CA INDEX NAME)

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OSC.G 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)

L4 ANSWER 24 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN

AN 1972:514388 CAPLUS

DN 77:114388

OREF 77:18849a,18852a

TI Antibacterial substituted 4-thiazolidineones

IN Mousseron, Max J.

PA Etablissements Clin-Byla

SO U.S., 21 pp.

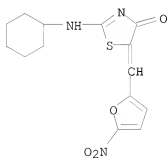
CODEN: USXXAM

DT Patent

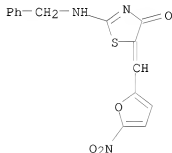
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3678041	A	19720718	US 1968-733808	19680603
PRAI	FR 1972-9263	A	19720606		
IT	27472-97-5P		27473-65-0P	27473-68-3P	
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(preparation of)				
RN	27472-97-5	CAPLUS			
CN	4(5H)-Thiazolone, 2-(cyclohexylamino)-5-[(5-nitro-2-furanyl)methylene]- (CA INDEX NAME)				



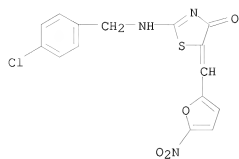
RN 27473-65-0 CAPLUS

CN 4(5H)-Thiazolone, 2-[(5-nitro-2-furanyl)methylene]-2-[(phenylmethyl)amino]-
(CA INDEX NAME)

RN 27473-68-3 CAPLUS

CN 4(5H)-Thiazolone, 2-[[[4-chlorophenyl)methyl]amino]-5-[(5-nitro-2-furanyl)methylene]- (CA INDEX NAME)

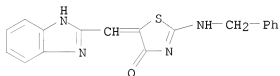
10/535,690



OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

10/535,690

L4 ANSWER 25 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1971:111963 CAPLUS
DN 74:111963
OREF 74:18137a,18140a
TI Reaction of 2-formylbenzimidazole with thiazolidine series ketones
AU Chizhevskaya, I. I.; Marisheva, L. S.; Yatsevich, N. M.
CS Inst. Fiz.-Org. Khim., Minsk, USSR
SO Vestsi Akademii Navuk BSSR, Seryya Khimichnykh Navuk (1970), (6), 78-81
CODEN: VBSKAK; ISSN: 0002-3590
DT Journal
LA Russian
IT 31409-53-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 31409-53-7 CAPLUS
CN 4(5H)-Thiazolone, 5-(1H-benzimidazol-2-ylmethylene)-2-
[(phenylmethyl)amino]- (CA INDEX NAME)



OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

L4 ANSWER 26 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN

AN 1970:121519 CAPLUS

DN 72:121519

OREF 72:21855a,21858a

TI Antibacterial furfurylidene thiazolidinones

IN Mousseron, Max

PA Etablissements Clin-Byla

SO S. African, 92 pp.

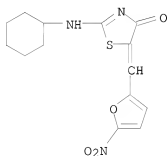
CODEN: SFXXAB

DT Patent

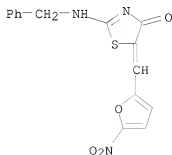
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	ZA 6803535		19690205		
	DE 1770583			DE	
	GB 1224546			GB	
PRAI	FR		19670606		
IT	27472-97-5	27473-65-0	27473-68-3		
	RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)				
	(pesticidal activity of)				
RN	27472-97-5	CAPLUS			
CN	4(5H)-Thiazolone, 2-(cyclohexylamino)-5-[(5-nitro-2-furanyl)methylene]- (CA INDEX NAME)				



RN 27473-65-0 CAPLUS

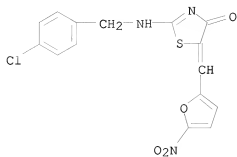
CN 4(5H)-Thiazolone, 5-[(5-nitro-2-furanyl)methylene]-2-[(phenylmethyl)amino]-
(CA INDEX NAME)

RN 27473-68-3 CAPLUS

CN 4(5H)-Thiazolone, 2-[[[4-chlorophenyl)methyl]amino]-5-[(5-nitro-2-

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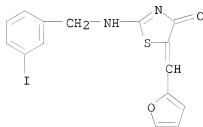
furanyl)methylene]- (CA INDEX NAME)



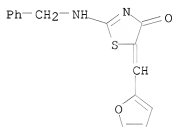
OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

10/535,690

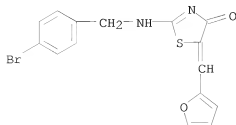
L4 ANSWER 27 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1960:91671 CAPLUS
DN 54:91671
OREF 54:17373f-i,17374a-c
TI Further degradation products of cephalosporin C. Isolation and synthesis
of 2-(4-amino-4-carboxybutyl)thiazole-4-carboxylic acid
AU Jeffery, J. D'A.; Abraham, E. P.; Newton, G. G. F.
CS Univ. Oxford, UK
SO Biochemical Journal (1960), 75, 216-23
CODEN: BIJOAK; ISSN: 0264-6021
DT Journal
LA Unavailable
IT 106474-11-7
(Derived from data in the 6th Collective Formula Index (1957-1961))
RN 106474-11-7 CAPLUS
CN 4(5H)-Thiazolone, 5-(2-furanylmethylene)-2-[[(3-iodophenyl)methyl]amino]-
(CA INDEX NAME)



L4 ANSWER 28 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 1960:91670 CAPLUS
 DN 54:91670
 OREF 54:17372i,17373a-f
 TI Thiazolidinones. I
 AU Vasa, M. L.; Trivedi, J. J.; Kshatriya, K. C.
 CS M. G. Sci. Inst., Ahmedabad
 SO Journal of the Indian Chemical Society (1959), 36, 648-50
 CODEN: JICSAH; ISSN: 0019-4522
 DT Journal
 LA Unavailable
 IT 78374-70-6P, 4-Thiazolidinone, 2-(benzylimino)-5-furfurylidene-
 100954-35-6P, 4-Thiazolidinone,
 2-(p-bromobenzylimino)-5-furfurylidene- 102704-48-3P,
 4-Thiazolidinone, 2-(benzylimino)-5-[(2-methoxy-1-naphthyl)methylene]-
 106474-11-7P, 4-Thiazolidinone,
 5-furfurylidene-2-(m-iodobenzylimino)- 108237-99-6P,
 4-Thiazolidinone, 2-[p-chlorobenzylimino]-5-furfurylidene-
 108240-14-8P, 4-Thiazolidinone,
 2-[o-chlorobenzylimino]-5-furfurylidene- 110194-96-2P,
 4-Thiazolidinone, 2-(p-bromobenzylimino)-5-[(2-methoxy-1-
 naphthyl)methylene]- 110195-10-3P, 4-Thiazolidinone,
 2-(m-iodobenzylimino)-5-[(2-methoxy-1-naphthyl)methylene]-
 110435-92-2P, 4-Thiazolidinone,
 2-[p-chlorobenzylimino]-5-[(2-methoxy-1-naphthyl)methylene]-
 110436-40-3P, 4-Thiazolidinone,
 2-[o-chlorobenzylimino]-5-[(2-methoxy-1-naphthyl)methylene]-
 RL: PREP (Preparation of)
 (preparation of)
 RN 78374-70-6 CAPLUS
 CN 4(5H)-Thiazolone, 2-[(4-bromophenyl)methylamino]-5-(2-furanylmethylene)- (CA
 INDEX NAME)



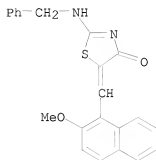
RN 100954-35-6 CAPLUS
 CN 4(5H)-Thiazolone, 2-[(4-bromophenyl)methylamino]-5-(2-furanylmethylene)-
 (CA INDEX NAME)



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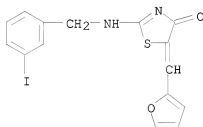
RN 102704-48-3 CAPLUS

CN 4(5H)-Thiazolone, 5-[(2-methoxy-1-naphthalenyl)methylene]-2-
[(phenylmethyl)amino]- (CA INDEX NAME)



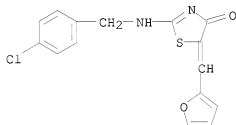
RN 106474-11-7 CAPLUS

CN 4(5H)-Thiazolone, 5-(2-furanylmethylene)-2-[[3-iodophenyl)methyl]amino]-
(CA INDEX NAME)



RN 108237-99-6 CAPLUS

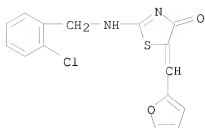
CN 4(5H)-Thiazolone, 2-[[4-chlorophenyl)methyl]amino]-5-(2-furanylmethylene)-
(CA INDEX NAME)



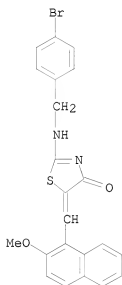
RN 108240-14-8 CAPLUS

CN 4(5H)-Thiazolone, 2-[[2-chlorophenyl)methyl]amino]-5-(2-furanylmethylene)-
(CA INDEX NAME)

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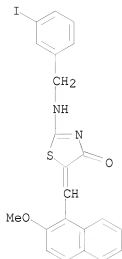


RN 110194-96-2 CAPLUS
CN 4(5H)-Thiazolone, 2-[[4-(4-bromophenyl)methyl]amino]-5-[(2-methoxy-1-naphthalenyl)methylene]- (CA INDEX NAME)



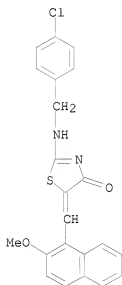
RN 110195-10-3 CAPLUS
CN 4(5H)-Thiazolone, 2-[[3-(3-iodophenyl)methyl]amino]-5-[(2-methoxy-1-naphthalenyl)methylene]- (CA INDEX NAME)

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RN 110435-92-2 CAPLUS

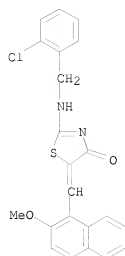
CN 4(5H)-Thiazolone, 2-[[[(4-chlorophenyl)methyl]amino]-5-[(2-methoxy-1-naphthalenyl)methylene]- (CA INDEX NAME)



RN 110436-40-3 CAPLUS

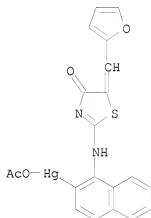
CN 4(5H)-Thiazolone, 2-[[[(2-chlorophenyl)methyl]amino]-5-[(2-methoxy-1-naphthalenyl)methylene]- (CA INDEX NAME)

10/535,690



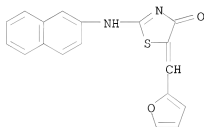
OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L4 ANSWER 29 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 1956:56884 CAPLUS
 DN 50:56884
 OREF 50:10711f-g
 TI 5-Arylidene-2- α -naphthylimino-4-thiazolidones and some of their derivatives. I
 AU Das, Bhaskar; Rout, M. K.
 CS Ravenshaw Coll., Cuttack
 SO Journal of the Indian Chemical Society (1955), 32, 442-4
 CODEN: JICSAH; ISSN: 0019-4522
 DT Journal
 LA Unavailable
 IT 857963-14-5P, 4-Thiazolidinone,
 2-[2-(acetoxymcuri)-1-naphthylimino]-5-furfurylidene-
 RL: PREP (Preparation)
 (preparation of)
 RN 857963-14-5 CAPLUS
 CN 4-Thiazolidinone, 2-[2-(acetoxymcuri)-1-naphthylimino]-5-furfurylidene-
 (5CI) (CA INDEX NAME)



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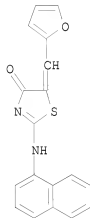
L4 ANSWER 30 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1956:16331 CAPLUS
DN 50:16331
OREF 50:3406d-i
TI 2-(2-Naphthylimino)-4-thiazolidinone and its derivatives
AU Rout, M. K.; Mahapatra, G. N.
CS Utkal Univ., Cuttack, India
SO Journal of the American Chemical Society (1955), 77, 2427-8
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA Unavailable
IT 312316-66-8P, 4-Thiazolidinone,
5-furfurylidene-2-(2-naphthylimino)-
RL: PREP (Preparation)
(preparation of)
RN 312316-66-8 CAPLUS
CN 4(5H)-Thiazolone, 5-(2-furanylmethylene)-2-(2-naphthalenylamino)- (CA
INDEX NAME)



OSC.G 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)

10/535,690

L4 ANSWER 31 OF 31 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1956:12278 CAPLUS
DN 50:12278
OREF 50:2547d-g
TI Thiazolidinones. I. 2-(1-Naphthylimino)-4-thiazolidinone and its
condensation products
AU Das, Bhaskar; Rout, M. V.
CS Ravenshaw Coll., Cuttack
SO Journal of Scientific & Industrial Research (1955), 14B, 16-18
CODEN: JSIRAC; ISSN: 0022-4456
DT Journal
LA Unavailable
IT 857963-64-5P, 4-Thiazolidinone,
5-furfurylidene-2-(1-naphthylimino)-
RL: PREP (Preparation)
(preparation of)
RN 857963-64-5 CAPLUS
CN 4(5H)-Thiazolone, 5-(2-furanylmethylene)-2-(1-naphthalenylamino)- (CA
INDEX NAME)



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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

121.09

307.67

STN INTERNATIONAL LOGOFF AT 12:29:26 ON 16 OCT 2009